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1911



1912

BRUNSWICK, MAINE
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DECEMBER,

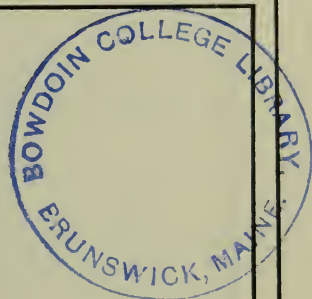
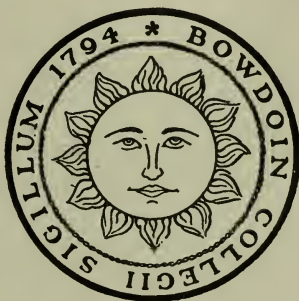
1911

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CATALOGUE *of*
B O W D O I N
C O L L E G E

& the Medical School of Maine

FOR THE YEAR 1911-1912



B R U N S W I C K , M A I N E

Printed for the College . MDCCCCXI

1911	1912	1913
JULY	JAN.	JAN.
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Calendar

BOWDOIN COLLEGE

1911.

September 28 . First Semester began — Thursday, 8.20 A. M.
October 12 . . Columbus Day.

*Thanksgiving recess from 12.30 P. M. November 29
to 8.20 A. M. December 4.*

*Vacation from 12.30 P. M. December 23 to 8.20 A. M.
January 2, 1912.*

1912.

January 18 . . Class of 1868 Prize Speaking.
February 1-10 Examinations of the first Semester.
February 12 . Second Semester begins — Monday, 8.20 A. M.
February 22 . Washington's Birthday.

*Vacation from 4.30 P. M. March 29 to 8.20 A. M.
April 9.*

April 19 . . . Patriots' Day.
May 30 . . . Memorial Day.
June 7 . . . Ivy Day.
June 6-8 . . . Examinations at Preparatory Schools.
June 13-22 . . Examinations of the Second Semester.
June 23 . . . The Baccalaureate Sermon, 4 P. M.
June 24 . . . Alexander Prize Speaking.
June 25 . . . Class Day.
Meeting of the Boards of Trustees and Overseers.
Meeting of the Maine Historical Society.
June 26 . . . Annual Meeting of the Phi Beta Kappa;
Alpha of Maine.
The President's Reception.
June 27 . . . Annual Meeting of the Alumni Association.
The Commencement Exercises of the College.
The Commencement Dinner.
June 27-29 . . Entrance Examinations in Brunswick.
Summer Vacation of Thirteen Weeks.
Sept. 23-25 . Entrance Examinations in Brunswick.

Bowdoin College

September 26 . First Semester begins—Thursday, 8.20 A. M.
Thanksgiving recess from 12.30 P. M. November 27 to
8.20 A. M. December 2.

Vacation from 12.30 P. M. December 21 to 8.20 A. M.

1913. *January 2, 1913.*

Jan. 30–Feb. 8 Examinations of the First Semester.

February 10 . . Second Semester begins—Monday, 8.20 A. M.

June 26 . . . Commencement.

MEDICAL SCHOOL OF MAINE

1911.

October 19 . . Ninety-second annual course began.

Entrance Examinations for First Year Students, in Brunswick.

October 20–21 Re-examinations, deferred Examinations, and Examinations for Advanced Standing.

Thanksgiving recess from 1.30 P. M. November 29 to 8 A. M. December 4.

Vacation from 4.30 P. M. December 20 to 8 A. M.

1912. *January 2, 1912.*

February 22 . Washington's Birthday.

Vacation from 1.30 P. M. March 30 to 8 A. M. April 9.

May 30 . . . Memorial Day.

June 12–26 . . Examinations.

June 26 . . . Commencement Exercises of the Medical School.

Summer Vacation of Sixteen Weeks.

Office Hours

The Treasurer, Massachusetts Hall; 9 to 12, 2 to 4; Saturday, 9 to 12.

The Dean, Massachusetts Hall; 12.30 to 1 daily except Saturday. 2 to 3, Monday, Tuesday and Friday. The office is open every afternoon except Saturday from 1.30 to 4.30.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James

Bowdoin College

Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minister at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

The academical, medical and honorary graduates number together about five thousand nine hundred; and nearly half as many more have studied here without taking degrees. The living graduates number over two thousand eight hundred.

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* Died July 2, 1911.

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10 Deering Street, Portland.

* The residence is in Brunswick, except as otherwise stated.

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1911-1912

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Annie Talbot Cole Lecturer

1911-1912

- PROF. BLISS PERRY, L.H.D., LITT.D., LL.D.
Subject: American Traits in American Literature.

STUDENTS

Undergraduates

SENIORS—Class of 1912

ABBREVIATIONS:

A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall

Name	Residence	Room
Adams, Charles Francis,	<i>Auburn,</i>	23 A. H.
Allen, James Bailey,	<i>Mt. Desert,</i>	15 M. H.
Andrews, Harold Augustus,	<i>East Conway, N. H.,</i>	18 A. H.
Arenovsky, Harold Chadbourne,	<i>Westbrook,</i>	11 Everett St.
Ashey, Harold Charles Lewis,	<i>Leicester, Mass.,</i>	8 W. H.
Auten, Meredith Bodine,	<i>Cass City, Mich.,</i>	Δ. T. House.
Bailey, Charles Olin, Jr.,	<i>Sioux Falls, S. D.,</i>	A. Δ. Φ. House.
Barbour, Elden Greenwood,	<i>Yarmouthville,</i>	9 M. H.
Bradford, Eugene Francis,	<i>Bangor,</i>	Δ. K. E. House.
Bragdon, Lester Lodge,	<i>Wells,</i>	15 A. H.
Briggs, Henry Adie,	<i>Gorham,</i>	K. Σ. House.
Brooks, George Clarke,	<i>Reading, Mass.,</i>	12 Everett St.
Bryant, Herbert Lorenzo,	<i>Round Pond,</i>	10 A. H.
Chapman, Clyde Raymond,	<i>Fairfield,</i>	Z. Ψ. House.
Chapman, Harrison Carter,	<i>Portland,</i>	A. Δ. Φ. House.
Churchill, Kenneth,	<i>Newtonville, Mass.,</i>	B. Θ. Π. House.
Clarke, Chester Leonard,	<i>Portland,</i>	K. Σ. House.
Cole, Philip Pearson,	<i>Bath,</i>	Θ. Δ. X. House.
Cole, Robert Danforth,	<i>Portland,</i>	Δ. K. E. House.
Cousins, Edgar Fuller,	<i>Oldtown,</i>	22 M. H.
Cressey, George Fabyan,	<i>Portland,</i>	Θ. Δ. X. House.
Foote, Lowell Sanborn,	<i>Dover, N. H.,</i>	B. Θ. Π. House.
Foss, Reginald Edson,	<i>Skowhegan,</i>	Z. Ψ. House.
Grant, Alton Levicount, Jr.,	<i>Lewiston,</i>	15 W. H.
Gray, Maurice Herbert,	<i>Oldtown,</i>	Δ. K. E. House.
Greenleaf, Walter James,	<i>Portland,</i>	K. Σ. House.
Hart, Fred Willis,	<i>Camden,</i>	B. Θ. Π. House.
Hill, Maurice Pierce,	<i>Rockland,</i>	6 M. H.

Bowdoin College

Name	Residence	Room
Hoit, Ralph Henry,	<i>Grasmere, N. H.,</i>	K. Σ. House.
Holt, William,	<i>North Bridgton,</i>	Δ. K. E. House.
Houston, Robert Craig,	<i>Guilford,</i>	Δ. K. E. House.
Hughes, Stephen Winfield,	<i>South Portland,</i>	Δ. K. E. House.
Hurley, John Lawrence,	<i>Malden, Mass.,</i>	23 M. H.
Joy, John Henry,	<i>Roxbury, Mass.,</i>	Θ. Δ. X. House.
Kateon, Fred Lincoln,	<i>Bath,</i>	18 W. H.
Keating, Harry McLain,	<i>Rockland,</i>	32 A. H.
Kent, Edward Weston,	<i>Bremen,</i>	Z. Ψ. House.
Kern, George Cragin,	<i>Woodfords,</i>	B. Θ. Π. House.
King, Robert Parsons,	<i>Ellsworth,</i>	Ψ. T. House.
Knowles, Stanley Stone,	<i>Augusta,</i>	30 A. H.
Leigh, Edward Oliver,	<i>Seattle, Wash.,</i>	K. Σ. House.
Lincoln, Lendall Durant,	<i>Wayne,</i>	Δ. T. House.
Locke, Herbert Edson,	<i>Augusta,</i>	32 A. H.
Lombard, Herbert Luther,	<i>Bridgton,</i>	30 Cumberland St.
McAlister, Milton Vosmus,	<i>Woolwich,</i>	40 Harpswell St.
MacCormick, William Alexander,	<i>South Framingham, Mass.,</i>	7 M. H.
MacKay, Malcolm,	<i>North Earlton, N. S.,</i>	18 Bowker St.
McKenney, Jesse Hamilton,	<i>Brunswick,</i>	56 Pleasant St.
Makepeace, True Edgecomb,	<i>Farmington,</i>	Δ. T. House.
Maloney, Earle Francis,	<i>South Thomaston,</i>	18 A. H.
Marsh, Seward Joseph,	<i>Farmington,</i>	23 W. H.
Mathews, Percy Warren,	<i>Wilson's Beach, N. B.,</i>	8 M. H.
Means, Leland Green,	<i>Orleans, Neb.,</i>	Δ. K. E. House.
Mifflin, John Houston,	<i>Exeter, N. H.,</i>	Δ. T. House.
Mitchell, John Arnett,	<i>Gallipolis, O.,</i>	3 W. H.
Morss, Edward Longworth,	<i>Boston, Mass.,</i>	7 W. H.
Moseley, John Henry,	<i>New Sharon,</i>	26 W. H.
Newell, Joseph Henry,	<i>Richmond,</i>	B. Θ. Π. House.
Nichols, George Henry,	<i>N. Grafton, Mass.,</i>	B. Θ. Π. House.
O'Neil, Joseph Carter,	<i>South Portland,</i>	Z. Ψ. House.
Parcher, Arthur Hale,	<i>Ellsworth,</i>	B. Θ. Π. House.
Pratt, Lyde Stuart,	<i>Farmington,</i>	Δ. T. House.
Purington, Ellison Smullen,	<i>Mechanic Falls,</i>	15 W. H.
Riggs, Benjamin Hinckley,	<i>Portland,</i>	K. Σ. House.
Rodick, Burleigh Cushing,	<i>Freeport,</i>	K. Σ. House.
Rowell, Parker Whitmore,	<i>Roxbury, Mass.,</i>	Ψ. T. House.
Simpson, Frederick Benjamin,	<i>Bangor,</i>	Δ. K. E. House.
Skillin, Carl Dana,	<i>Hallowell,</i>	23 W. H.
Slocum, Frank Davis,	<i>Albany, N. Y.,</i>	18 M. H.
Smith, Frank Arthur,	<i>Calais,</i>	7 A. H.
Tibbetts, George Alton,	<i>Brunswick,</i>	75 Pleasant St.

Students

Name	Residence	Room
Timberlake, Carl Billings,	<i>Lancaster, N. H.,</i>	Z. Ψ. House.
Torrey, Edward Wadsworth,	<i>Peabody, Mass.,</i>	31 W. H.
Vannah, Harold Perry,	<i>Winslow's Mills,</i>	Z. Ψ. House.
Waite, Roland Hiram,	<i>Gardiner,</i>	K. Σ. House.
Walton, Everett Parker,	<i>New Vineyard,</i>	1 M. H.
Warren, Carle Orestes,	<i>Gorham,</i>	29 W. H.
Weeks, Ernest Eugene,	<i>Cornish,</i>	Δ. T. House.
Welch, Arthur Deehan,	<i>Portland,</i>	Θ. Δ. X. House.
Weston, Andrew Donald,	<i>Mechanic Falls,</i>	K. Σ. House.
White, Heman Ashmead,	<i>Bangor,</i>	9 W. H.
White, Richard Frazar,	<i>Brunswick,</i>	275 Maine St.
Wilson, Edmund,	<i>Portland,</i>	22 W. H.
Wilson, George Frank,	<i>Albion,</i>	Z. Ψ. House.
Woodcock, Allan,	<i>Bangor,</i>	7 A. H.
Woodman, George Edwin,	<i>Freeport,</i>	Freeport.

JUNIORS—Class of 1913

Name	Residence	Room
Abbott, Howard Clement,	<i>Derry, N. H.,</i>	Ψ. T. House.
Baker, Edward Oliver,	<i>North Adams, Mass.,</i>	10 M. H.
Belknap, Robert Willis,	<i>Damariscotta,</i>	Z. Ψ. House.
Brown, Josiah Steele,	<i>Whitinsville, Mass.,</i>	K. Σ. House.
Buck, Percy Clarence,	<i>Harrison,</i>	13 M. H.
Bull, Charles Roy,	<i>Monticello,</i>	16 W. H.
Burleigh, Edwin Clarence,	<i>Augusta,</i>	13 A. H.
Burns, Kendrick,	<i>Saco,</i>	14 M. H.
Busfield, Manning Hapgood,	<i>North Adams, Mass.,</i>	15 M. H.
Carr, John Coleman,	<i>Frankfort,</i>	Δ. T. House.
Comery, Sanford Burton,	<i>Thomaston,</i>	7 McKen St.
Conant, Reginald Odell,	<i>Portland,</i>	Δ. K. E. House.
Cowan, Frank Irving,	<i>Pittsfield,</i>	Δ. T. House.
Craig, Vurnyer Adrian,	<i>Brookton,</i>	13 M. H.
Crosby, Laurence Alden,	<i>Bangor,</i>	Δ. K. E. House.
Crowell, Cedric Russell,	<i>Richmond Hill, N. Y.,</i>	Z. Ψ. House.
Cummings, George Otis,	<i>Portland,</i>	Δ. K. E. House.
Cushman, Albert Percival,	<i>Bangor,</i>	Ψ. T. House.
Dodge, Leon,	<i>Newcastle,</i>	11 A. H.
Dodge, Willis Elden,	<i>Princeton,</i>	8 M. H.
Dole, Stanley Fuller,	<i>Portland,</i>	Θ. Δ. X. House.
Douglas, Paul Howard,	<i>Newport,</i>	Δ. T. House.
Dunphy, John Edward,	<i>Portland,</i>	14 A. H.

Bowdoin College

Name	Residence	Room
Eberhardt, Walter Faber,	<i>New York City,</i>	B. Θ. Π. House.
Emery, Paul Hamilton,	<i>Portland,</i>	92 Union St.
Emery, Theodore Evans,	<i>Randolph,</i>	Ψ. T. House.
Fogg, Neil Augustus,	<i>Freeport,</i>	Θ. Δ. X. House.
Gardner, Daniel Earl,	<i>Calais,</i>	B. Θ. Π. House.
Gilbert, Harold Davis,	<i>Farmington,</i>	Δ. T. House.
Greene, Merton William,	<i>Madison,</i>	Z. Ψ. House.
Greene, Winthrop Stephenson,	<i>Worcester, Mass.,</i>	234 Maine St.
Hagan, Mark Langdon,	<i>Bath,</i>	29 M. H.
Hagar, Raymond Kingsley,	<i>Island Falls,</i>	30 A. H.
Hall, Harry Howes,	<i>Medfield, Mass.,</i>	11 A. H.
Hamilton, John Warren,	<i>Brattleboro, Vt.,</i>	Δ. K. E. House.
Harrington, Francis Elias, (1912)	<i>Rockland,</i>	B. Θ. Π. House.
Haskell, Charles Blanchard, Jr.,	<i>Pittsfield,</i>	13 A. H.
Hinch, Stanley John,	<i>Danforth,</i>	Δ. K. E. House.
Holt, Benjamin Dyer,	<i>Portland,</i>	Δ. K. E. House.
Howes, Herbert Martin,	<i>Ridlonville,</i>	26 M. H.
Jones, Leon Everett,	<i>Winthrop, Mass.,</i>	32 W. H.
Kennedy, Raymond Davenport,	<i>Jefferson,</i>	Z. Ψ. House.
Leavitt, Verd Russell,	<i>Wilton,</i>	A. Δ. Φ. House.
Lewis, John,	<i>Skowhegan,</i>	Z. Ψ. House.
McMahon, William Benedict,	<i>Brunswick,</i>	60 Cumberland St.
McMurtrie, Douglas Howard,	<i>Woodfords,</i>	B. Θ. Π. House.
McNeally, Eugene Wallace,	<i>Portland,</i>	26 M. H.
Merrill, Ralph Whelan,	<i>Hinsdale, Ill.,</i>	24 M. H.
Miller, Harold William,	<i>Lynn, Mass.,</i>	Z. Ψ. House.
Morris, Robert,	<i>Brunswick,</i>	22 Cumberland St.
Moulton, Bryant Edward,	<i>Portland,</i>	19 W. H.
Norton, James Augustus,	<i>Phillips,</i>	Δ. T. House.
Page, Clifton Orville,	<i>Bath,</i>	18 W. H.
Palmer, Ray Eaton,	<i>Bath,</i>	Ψ. T. House.
Parkhurst, Albert Elisha,	<i>Presque Isle,</i>	Θ. Δ. X. House.
Philoon, James Everett,	<i>Auburn,</i>	A. Δ. Φ. House.
Pike, Sumner Tucker,	<i>Lubec,</i>	Δ. T. House.
Pratt, Loring,	<i>Elmira, N. Y.,</i>	Ψ. T. House.
Rowe, Henry,	<i>Oldtown,</i>	32 M. H.
Saunders, Daniel,	<i>Lawrence, Mass.,</i>	16 A. H.
Savage, Paul Chapman,	<i>Bangor,</i>	Δ. K. E. House.
Schackford, Lester Borden,	<i>South Portland,</i>	Δ. T. House.
Skolfield, George Lincoln, Jr.,	<i>Brunswick,</i>	153 Maine St.
Siocum, John Albert,	<i>Albany, N. Y.,</i>	Θ. Δ. X. House.
Smith, Lawrence Willey,	<i>Portland,</i>	13 W. H.
Spinney, William Riley,	<i>Freedom,</i>	K. Σ. House.

Students

Name	Residence	Room
Sweet, Alfred Henry,	<i>Portland,</i>	21 A. H.
Tilton, Albert Dyer,	<i>South Portland,</i>	29 W. H.
Tufts, Elmer Emmons, Jr.,	<i>Kingfield,</i>	Δ. T. House.
Tuttle, Curtis,	<i>Colusa, Cal.,</i>	13 W. H.
Tuttle, Earl Blanchard,	<i>Cumberland Mills,</i>	29 A. H.
Twombly, William Fletcher,	<i>Reading, Mass.,</i>	Δ. K. E. House.
Walker, Harry Burton,	<i>Biddeford,</i>	Δ. T. House.
Whittier, Luther Gordon,	<i>Farmington,</i>	26 A. H.
Wiggin, Frederic Shaw,	<i>Thomaston,</i>	9 W. H.
Wish, Fred Dixon, Jr.,	<i>Portland,</i>	31 W. H.
Wood, Philip Shaw,	<i>Bar Harbor,</i>	Θ. Δ. X. House.

SOPHOMORES—Class of 1914

Name	Residence	Room
Adams, Brainerd Lucas,	<i>Spruce Head,</i>	B. Θ. Π. House.
Ashby, Herbert Wassall,	<i>Salem, Mass.,</i>	8 A. H.
Badger, Omar Perlie,	<i>Bingham,</i>	5 M. H.
Barton, Horace Allan,	<i>Greenwich, Conn.,</i>	Θ. Δ. X. House.
Brown, Charence Arthur,	<i>Portland,</i>	B. Θ. Π. House.
Buell, Ralph Lewin,	<i>Portland,</i>	Θ. Δ. X. House.
Chase, Samuel Wood,	<i>Lowell, Mass.,</i>	Δ. T. House.
Cole, Alan Ramsay,	<i>Bath,</i>	20 A. H.
Cooley, Elmer Carroll,	<i>Clark City, P. Q.,</i>	5 Pine St.
Coombs, Warren Crosby,	<i>Camden,</i>	21 Pleasant St.
Cunliffe, William Henry, Jr.,	<i>Fort Kent,</i>	Δ. K. E. House.
Donahue, Louis Augustin,	<i>Portland,</i>	Θ. Δ. X. House.
Donahue, Paul Edwin,	<i>Portland,</i>	Θ. Δ. X. House.
Eaton, George Franklin,	<i>Bangor,</i>	12 W. H.
Eddy, Warren Day,	<i>Portland,</i>	16 A. H.
Farrar, William Haskell,	<i>Bath,</i>	Bath.
Gage, Elwyn Collins,	<i>Augusta,</i>	5 M. H.
Garland, Francis Tibbetts,	<i>Bangor,</i>	B. Θ. Π. House.
Gibson, Leonard Henry, Jr.,	<i>Bath,</i>	22 A. H.
Gray, Alfred Everett,	<i>Portsmouth, N. H.,</i>	2 A. H.
Hall, Henry Levenseller,	<i>Camden,</i>	B. Θ. Π. House.
Hamblen, Maurice Wingate,	<i>Bridgton,</i>	Θ. Δ. X. House.
Hayes, Harold Merrill,	<i>Foxcroft,</i>	4 M. H.
Heywood, John,	<i>Gardner, Mass.,</i>	3 A. H.
Hubbard, Roswell Earle,	<i>Hatfield, Mass.,</i>	4 W. H.
LaCasce, Elroy Osborne,	<i>Skowhegan,</i>	4 M. H.

Bowdoin College

Name	Residence	Room
Leigh, Robert Devore,	<i>Seattle, Wash.,</i>	9 M. H.
Lippincott, Wilmot Clyde,	<i>Augusta,</i>	14 A. H.
Loeffler, Frank Robert,	<i>Lisbon Falls,</i>	Lisbon Falls.
Lunt, Paul Cammett, (1913)	<i>Portland,</i>	Z. Ψ. House.
McCargo, Francis Wood,	<i>Augusta,</i>	Δ. K. E. House.
Marr, Vernon Waldo,	<i>Farmington,</i>	14 M. H.
Mason, Wallace Edward, Jr.,	<i>Keene, N. H.,</i>	10 W. H.
Merrill, Arthur Stowers,	<i>Skowhegan,</i>	15 M. H.
Merrill, Dana Kinsman,	<i>Portland,</i>	25 M. H.
Minott, Clarence Marshall,	<i>South Portland,</i>	28 W. H.
Mitchell, Percy Downing,	<i>Biddeford,</i>	17 A. H.
Monroe, Reginald Allen,	<i>Milo,</i>	15 M. H.
Nason, Evan Albert,	<i>North Billerica, Mass.,</i>	25 W. H.
Nichols, Henry Allen,	<i>Pomona, Cal.,</i>	10 M. H.
Nixon, William Joseph, (1913)	<i>E. Rochester, N. H.,</i>	Θ. Δ. X. House.
Nolin, Frank Elmer, (1912)	<i>Skowhegan,</i>	Z. Ψ. House.
Pope, Philip Huntley,	<i>Manchester,</i>	25 W. H.
Pratt, Arthur Llewellyn,	<i>Bath,</i>	7 W. H.
Pratt, Leo Walter,	<i>Wilton,</i>	1 W. H.
Robinson, Kenneth Allan,	<i>Biddeford,</i>	17 A. H.
Russell, Clifford Little,	<i>Portland,</i>	20 A. H.
Russell, Earle Leander, (1912)	<i>Portland,</i>	25 M. H.
Schwey, Joseph,	<i>Portland,</i>	31 A. H.
Severance, Robert Graves,	<i>Turners Falls, Mass.,</i>	B. Θ. Π. House.
Shea, Herbert Meyer,	<i>Hallowell,</i>	Δ. T. House.
Shepherd, Prentiss,	<i>Wellesley Hills, Mass.,</i>	21 M. H.
Simpson, Richard Earl,	<i>Portland,</i>	11 M. H.
Snow, Edward Holyoke,	<i>Brunswick,</i>	11 Bank St.
Standish, Myles, Jr.,	<i>Boston, Mass.,</i>	2 A. H.
Stevens, Carl Hervey, M.D.,	<i>Northport,</i>	4 A. H.
Sylvester, Ermond,	<i>Freeport,</i>	K. Σ. House.
Tapley, Clarence Hall,	<i>Ellsworth,</i>	22 M. H.
Tarbox, James Obadiah,	<i>Topsham,</i>	26 A. H.
Thompson, Earle Spaulding,	<i>Bath,</i>	12 W. H.
Tupper, Carl Hamilton,	<i>South Portland,</i>	10 A. H.
Tuttle, Neal,	<i>Cumberland Mills,</i>	29 A. H.
Verrill, Ray Marshall,	<i>Farmington,</i>	30 Page St.
Weatherill, Robert Thomas,	<i>Brunswick,</i>	34 School St.
Weymouth, Henry Gerry,	<i>Lyme, N. H.,</i>	28 W. H.
White, Charles Francis,	<i>Methuen, Mass.,</i>	Ψ. T. House.
White, Paul Lambert,	<i>Indianapolis, Ind.,</i>	16 W. H.
Wilson, Earl Farnsworth,	<i>Thomaston,</i>	Ψ. T. House.
Wing, Paul Llewellyn,	<i>Bath,</i>	Ψ. T. House.
Wyman, Thomas Clark,	<i>Portland,</i>	Z. Ψ. House.

Students

FRESHMEN—Class of 1915

Name	Residence	Room
Abbott, Chester Granville, (1913)	<i>Lynn, Mass.,</i>	K. Σ. House.
Allen, Charles Edward,	<i>Freeport,</i>	21 W. H.
Allen, Harry Everett,	<i>Brunswick,</i>	72 Pleasant St.
Austin, Elden Hiram,	<i>Dexter,</i>	17 M. H.
Bacon, Everett Warren,	<i>Skowhegan,</i>	20 M. H.
Bacon, George William,	<i>Groton, Vt.,</i>	27 A. H.
Badger, Guy Wellman,	<i>Skowhegan,</i>	2 M. H.
Barbour, John Lloyd, (1914)	<i>Brown City, Mich.,</i>	32 W. H.
Bickford, Charles Harold, (1914)	<i>Portland,</i>	11 M. H.
Bisbee, Ernest Franklin,	<i>North Bethel,</i>	19 A. H.
Bodurtha, Robert Ellsworth, (1914)	<i>Westfield, Mass.,</i>	6 M. H.
Bordeaux, Pearl Smith, (1914)	<i>Mt. Desert,</i>	Δ. T. House.
Bridge, Harry Pearlton,	<i>Brunswick,</i>	15 Lincoln St.
Brown, Lewis Turner, (1914)	<i>Portland,</i>	B. Θ. II. House.
Brown, Walter, (1914)	<i>Bath,</i>	22 A. H.
Callahan, Francis Xavier, (1914)	<i>Portland,</i>	B. Θ. II. House.
Card, Philip Livingstone,	<i>Portland,</i>	11 W. H.
Chatto, Harry Murray,	<i>South Brooksville,</i>	14 W. H.
Coffin, Robert Peter,	<i>Brunswick,</i>	28 College St.
Coxe, Fred Walter,	<i>Woodfords,</i>	6 A. H.
Cross, Harry Gustave,	<i>Red Wing, Minn.,</i>	Δ. K. E. House.
Demmons, Paul Douglas,	<i>East Machias,</i>	31 A. H.
Dixon, Henry Campbell, (1914)	<i>Oneco, Conn.,</i>	4 W. H.
Dow, Leon French,	<i>Livermore Falls,</i>	17 Cleaveland St.
Dunton, Robert Manson,	<i>Bath,</i>	A. Δ. Φ. House.
Eastman, Roger Kimball,	<i>Lowell, Mass.,</i>	9 A. H.
Eaton, Albion Keith,	<i>Calais,</i>	252 Maine St.
Elwell, Edward Richardson,	<i>Portland,</i>	28 A. H.
Emerson, Prescott,	<i>Hyde Park, Mass.,</i>	25 A. H.
Evans, Robert Joseph,	<i>Shirley, Mass.,</i>	27 W. H.
Faulkner, Harry Peter,	<i>Boston, Mass.,</i>	5 A. H.
Fessenden, Joseph Coombs,	<i>Lisbon Falls,</i>	6 W. H.
Field, Charles William Wallace,	<i>North Windham,</i>	10 Harpswell Pl.
Fish, Arthur Raymond,	<i>Hallowell,</i>	Bath.
Floyd, Gordon Pierce,	<i>Woodfords,</i>	19 W. H.
Fox, Philip Ramon, (1914)	<i>Portland,</i>	30 W. H.
Fuller, Edwin Johnson, (1913)	<i>Groveland, Mass.,</i>	1 M. H.
Grierson, George Douglas,	<i>South Portland,</i>	17 Cleaveland St.
Hall, George Albert, Jr.,	<i>Houlton,</i>	12 A. H.
Hastings, Maynard Albert,	<i>Warren,</i>	17 W. H.
Houghton, Charles Frederick,	<i>Portland,</i>	Ψ. T. House.

Bowdoin College

Name	Residence	Room
Hyler, Aaron Winchenbach,	<i>Cushing,</i>	17 Cleaveland St.
Jones, Otto Rockefeller Folsom-	<i>Skowhegan,</i>	30 M. H.
Keegan, William Owen,	<i>Lewiston,</i>	28 W. H.
Knowlton, Frank Earle,	<i>Farmington,</i>	44 Pleasant St.
Koughan, Paul Joseph,	<i>Bath,</i>	29 M. H.
Kuhn, Maynard Henderson,	<i>Waldoboro,</i>	31 M. H.
Lappin, James Blaine, (1914)	<i>Portland,</i>	Θ. Δ. X. House.
Lewis, Herbert Alton,	<i>North Haven,</i>	17 M. H.
Lewis, James Abram,	<i>North Haven,</i>	17 Cleaveland St.
Little, George Tappan,	<i>Brunswick,</i>	8 College St.
Livingstone, William Towle,	<i>Bridgton,</i>	19 A. H.
Loring, Kimball Atherton,	<i>Reading, Mass.,</i>	24 A. H.
MacCormick, Austin Harbutt,	<i>Boothbay Harbor,</i>	7 M. H.
MacDonald, Joseph Cony,	<i>Bangor,</i>	Δ. K. E. House.
McKenney, Francis Paul,	<i>Brunswick,</i>	56 Pleasant St.
McKinnon, Max Verne,	<i>Calais,</i>	10 Cleaveland St.
McWilliams, George Arthur,	<i>Bangor,</i>	5 W. H.
Mahoney, Arthur Houghton,	<i>Medford, Mass.,</i>	1 A. H.
Mannix, Daniel Maurice,	<i>Portland,</i>	21 W. H.
Melcher, Stanwood Alexander,	<i>Mt. Holly, N. J.,</i>	12 A. H.
Merrill, Ivan Colson,	<i>Lawrence, Mass.,</i>	14 W. H.
Morrill, Stewart Pingree,	<i>South Portland,</i>	17 Cleaveland St.
Morrison, Charles Carr,	<i>Bar Harbor,</i>	25 A. H.
Moulton, Manning Cole,	<i>Portland,</i>	19 W. H.
Newcombe, Alfred Watts, (1914)	<i>Thomaston,</i>	12 M. H.
Payson, Edgar Robinson, Jr., (1914)	<i>Portland,</i>	21 M. H.
Perkins, Clifford Thompson,	<i>Ogunquit,</i>	15 A. H.
Porritt, Philip Webb,	<i>Hartford, Conn.,</i>	6 A. H.
Prescott, Harold Milton,	<i>Portland,</i>	3 M. H.
Putnam, Roger Ashurst,	<i>York Village,</i>	1 W. H.
Ramsay, Kenneth Elmer,	<i>Saco,</i>	28 A. H.
Richardson, Gordon Dana,	<i>Reading, Mass.,</i>	24 A. H.
Ricker, George Worcester,	<i>Portland,</i>	30 M. H.
Roberts, Frank Stanwood,	<i>Brunswick,</i>	5 Jordan Ave.
Robinson, Clarence Eugene,	<i>Thomaston,</i>	17 Cleaveland St.
Rodick, Daniel Weston,	<i>South Portland,</i>	24 W. H.
Rollins, John Fox,	<i>Bangor,</i>	27 A. H.
Rubin, Joseph,	<i>Redlands, Cal.,</i>	Δ. T. House.
Smith, Philip Sydney,	<i>Leicester, Mass.,</i>	10 W. H.
Somers, Harold McNeil,	<i>Portland,</i>	1 W. H.
Soule, Reuel Blaine,	<i>Augusta,</i>	2 M. H.
Stetson, Alvah Booker,	<i>Brunswick,</i>	35 Cumberland St.
Stetson, Leslie Nathaniel,	<i>Brunswick,</i>	12 Federal St.

Students

Name	Residence	Room
Stone, Ellsworth Allen,	<i>Lynn, Mass.,</i>	31 M. H.
Stowell, Elwood Harrison,	<i>Freeport,</i>	Freeport.
Talbot, George Henry,	<i>South Portland,</i>	24 W. H.
Thompson, George Cummings,	<i>Augusta,</i>	9 A. H.
Thurston, Verrill Carlton,	<i>Chester ville,</i>	3 M. H.
Towle, Philip Innes, (1914)	<i>Saco,</i>	8 W. H.
Verrill, Harold Everett,	<i>Portland,</i>	11 W. H.
Weintz, Jacob Frederick,	<i>Evansville, Ind.,</i>	5 A. H.
West, Samuel,	<i>Boston, Mass.,</i>	5 W. H.
Willett, Fred,	<i>Orono,</i>	17 W. H.
Williamson, William Burrell,	<i>Augusta,</i>	3 A. H.
Woodbury, Vernon Pierce,	<i>Leominster, Mass.,</i>	27 W. H.
Wright, James Preble, (1914)	<i>Wiscasset,</i>	12 M. H.

SPECIAL STUDENTS

Name	Residence	Room
Colby, Rensel Harold,	<i>Wellesley, Mass.,</i>	26 W. H.
Koughan, Daniel Francis, A.B.,	<i>Topsham,</i>	Topsham.
Trottier, Edward Alfred,	<i>Newmarket, N. H.,</i>	92 Union St.

Medical Students

FOURTH YEAR

Name	Residence	Room*
Bennett, Roland Joseph,	<i>Dover, N. H.,</i>	174 Neal St.
Brown, Freeman Fletcher,	<i>Vinalhaven,</i>	174 Neal St.
Buck, George Henry, A.B.,	<i>Harrison,</i>	807 Congress St.
Hammond, Walter Jean, A.B.,	<i>Howland,</i>	174 Neal St.
Lente, Harry Hallock,	<i>Franklin, Mass.,</i>	11 Wescott St.
Merrill, Clyde Harold,	<i>Auburn,</i>	174 Neal St.
Perkins, Francis Aborn, M.D.,	<i>Madbury, N. H.,</i>	168 Neal St.
Pratt, Harold Sewall, A.B.,	<i>Farmington,</i>	59 Bramhall St.
Rosen, William,	<i>New Bedford, Mass.,</i>	766 Congress St.
Scamman, Clarence Linwood,	<i>Hartland,</i>	59 Bramhall St.
Stanley, Oramel Henry, A.B.,	<i>Fryeburg,</i>	11 Wescott St.

*The rooms of Third and Fourth year students are in Portland.

Bowdoin College

THIRD YEAR

Name	Residence	Room
Arey, Harold Carleton, A.B.,	<i>Camden,</i>	24 Milton St.
Coombs, Wyvern Almon,	<i>Vinalhaven,</i>	1 Munroe Pl.
Gould, Carlisle Royal,	<i>Biddeford,</i>	285 Brackett St.
Hanscom, Ridgely Fernald,	<i>New London, Conn.,</i>	358 Danforth St.
Hendee, Walter Whitman,	<i>Augusta,</i>	285 Brackett St.
King, Elmer Henry, A. B.,	<i>Syracuse, N. Y.,</i>	302 Brackett St.
Lippincott, Leon Stanley, A.B.,	<i>Augusta,</i>	1 Munroe Pl.
McNeil, Harry Daniel,	<i>Bangor,</i>	11 Wescott St.
Moulton, Albert Willis, A.B.,	<i>Portland,</i>	180 State St.
Roberts, Edward Russell,	<i>Portland,</i>	1 Munroe Pl.
Ross, Harold Danforth,	<i>Phillips,</i>	1 Munroe Pl.
Scribner, Herbert Charles,	<i>Bangor,</i>	11 Wescott St.
Sullivan, Philip Sheridan,	<i>Biddeford,</i>	11 Wescott St.
Trickey, Winfield Benjamin,	<i>East Corinth,</i>	24 Milton St.
Walker, Francis David,	<i>Waterville,</i>	807 Congress St.

SECOND YEAR

Name	Residence	Room
Bickmore, Harold Vincent, A.B.,	<i>Augusta,</i>	16 Lincoln St.
Buck, William Edgar,	<i>Portland,</i>	A. K. K. House.
Cartland, John Everett, A.B.,	<i>Lisbon Falls,</i>	16 Lincoln St.
Collins, Frank LaForest,	<i>Oakland,</i>	11 Cleaveland St.
Echols, Francis Sherman,	<i>Hartford, Conn.,</i>	Topsham.
Faulkingham, Ralph James,	<i>Waterville,</i>	A. K. K. House.
Fogg, Charles Eugene,	<i>Portland,</i>	234 Maine St.
Gordon, Isaac Lewis,	<i>Lincoln,</i>	17 Elm St.
Gray, Carl Dinsmore,	<i>Madison,</i>	269 Maine St.
Johnson, Alfred Wellington,	<i>Augusta,</i>	11 McLellan St.
Johnson, George Harold,	<i>Augusta,</i>	11 McLellan St.
Mikelsky, Benjamin Myer,	<i>Bath,</i>	19 M. H.
Miller, Hudson Russell,	<i>Lewiston,</i>	234 Maine St.
Moulton, John Henry, A. B.,	<i>Limington,</i>	7 Everett St.
Perkins, Roy Stanley,	<i>Madbury, N. H.,</i>	14 Cleaveland St.
Peters, Clinton Noyes, A. B.,	<i>Portland,</i>	A. K. K. House.
Regan, Edward Francis,	<i>Marlboro, Mass.,</i>	46 Union St.
Robinson, Harrison Leonard, A.B.,	<i>Bangor,</i>	A. Δ. Φ. House.
Skillin, Waldo Thompson, A.B.,	<i>Hallowell,</i>	234 Maine St.
Sturtevant, James Melvin, A.B.,	<i>Dixfield,</i>	6 Potter St.
Weeks, DeForest A.B.,	<i>Cornish,</i>	234 Maine St.
Williams, James Albert, A.B.,	<i>Topsham,</i>	14 Cleaveland St.

Students

FIRST YEAR

Name	Residence	Room
Alden, Augustus Elihu,	<i>Woodfords,</i>	30 W. H.
Anderson, William DeLue,	<i>Portland,</i>	172 Maine St.
Barrett, Ralph Lester,	<i>East Sumner,</i>	36 Cumberland St.
Blaisdell, Elton Randolph,	<i>Brunswick,</i>	3 River St.
Clark, Raymond Willis,	<i>Egypt,</i>	18 Bowker St.
Dalrymple, Sidney Cullingwood,	<i>Medford, Mass.,</i>	16 Lincoln St.
Dennett, Carl George,	<i>Saco,</i>	11 McLellan St.
Doton, Harold Linwood,	<i>Lewiston,</i>	36 Cumberland St.
Driscoll, Cornelius James,	<i>Woodfords,</i>	38 College St.
Goddard, Claude Albert,	<i>Bethel,</i>	A. K. K. House.
Hale, Herbert Francis, A.B.,	<i>New Sharon,</i>	7 Everett St.
Hamilton, Holland George,	<i>Brunswick,</i>	74 Harpswell St.
Hutchins, Eugene Leslie,	<i>New Portland,</i>	A. K. K. House.
Johnson, Linwood Hill,	<i>Portland,</i>	11 McLellan St.
Kateon, Fred Lincoln,	<i>Bath,</i>	18 W. H.
Kern, George Cragin,	<i>Woodfords,</i>	B. Θ. II. House.
Kimball, Philip Albert,	<i>Tamworth, N. H.,</i>	36 Cumberland St.
Kinghorn, Charles Wesley,	<i>Yarmouthville,</i>	172 Maine St.
Leavenworth, William Satterlee,	<i>Gales Ferry, Conn.,</i>	A. K. K. House.
Lombard, Herbert Luther,	<i>Bridgton,</i>	30 Cumberland St.
McFarland, Lawrence, A.B.,	<i>Woodfords,</i>	30 Cumberland St.
Mansfield, Burleigh Burton,	<i>South Hope,</i>	A. K. K. House.
Melaugh, William Birchman, A.B.,	<i>Portland,</i>	172 Maine St.
Morrill, Berton Charles,	<i>Augusta,</i>	17 Cleaveland St.
Nutter, Ralph Willis,	<i>Alfred,</i>	269 Maine St.
O'Connor, William John,	<i>Augusta,</i>	172 Maine St.
Parcher, Arthur Hale,	<i>Ellsworth,</i>	B. Θ. II. House.
Pillsbury, Nahum Roy,	<i>Biddeford,</i>	18 Bowker St.
Pletts, Robert Cole,	<i>Brunswick,</i>	16 Lincoln St.
Philbrook, Wendall Otis,	<i>Greene,</i>	7 Everett St.
Sylbert, Antoine Raoul,	<i>Geneva, Switzerland,</i>	8 Elm St.
Smith, Frank Arthur,	<i>Calais,</i>	7 A. H.
Tibbetts, George Alton,	<i>Brunswick,</i>	75 Pleasant St.
Twaddle, Gard Wilson,	<i>Bethel,</i>	7 Everett St.
Woodcock, Allan,	<i>Bangor,</i>	7 A. H.

Bowdoin College

Summary of Instructors and Students

INSTRUCTORS

ACADEMICAL FACULTY	25
MEDICAL FACULTY	<u>53</u>
TOTAL	78
NAMES COUNTED TWICE	<u>5</u>
CORRECTED TOTAL	73

STUDENTS

Academical Department

SENIORS	86
JUNIORS	77
SOPHOMORES	70
FRESHMEN; FIRST YEAR	81
FRESHMEN; SECOND, THIRD YEAR	16
SPECIAL STUDENTS	<u>3</u>
TOTAL	333

Medical School

FOURTH YEAR	11
THIRD YEAR	15
SECOND YEAR	22
FIRST YEAR	<u>35</u>
TOTAL	<u>83</u>
TOTAL IN THE INSTITUTION	416
NAMES COUNTED TWICE	<u>7</u>
CORRECTED TOTAL	409

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

Class of 1911

Summa Cum Laude

Ernest Gibson Fifield	Edward Eugene Kern
Chester Elijah Kellogg	Edward Warren Skelton

Magna Cum Laude

John Libby Curtis	John Leonard Roberts
Roderick Paul Hine	Earl Baldwin Smith
William Folsom Merrill	

Cum Laude

Arthur Harrison Cole	Charles Lewis Oxnard
Willard Hallowell Curtis	Stanley Woodward Pierce
Walter Nelson Emerson	Frank Humphrey Purington
Charles Boardman Hawes	Abraham Jacob Somes
Harold Kirkham Hine	Richard Wesley Sullivan
Lawrence McFarland	DeForest Weeks
George Herbert Macomber	Joseph Curtis White

PHI BETA KAPPA APPOINTMENTS

Class of 1911

John Libby Curtis	William Folsom Merrill
Ernest Gibson Fifield	John Leonard Roberts
Roderick Paul Hine	Edward Warren Skelton
Chester Elijah Kellogg	Earl Baldwin Smith
Edward Eugene Kern	

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Class of 1912

Lester Lodge Bragdon	Harold Perry Vannah
Ellison Smullen Purington	Richard Frazar White

CLASS OF 1868 PRIZE SPEAKING

Arthur Harrison Cole	William Folsom Merrill
Ernest Gibson Fifield	Earl Baldwin Smith
Lawrence McFarland	Joseph Curtis White

BRADBURY PRIZE DEBATE

Affirmative

Negative

Ernest Gibson Fifield, 1911	Charles Francis Adams, 1912
Burleigh Cushing Rodick, 1912	Earle Francis Maloney, 1912
Fred Dixon Wish, Jr., 1913	Merton William Greene, 1913

Alternates

William Henry Callahan, 1911	Harold Percival Marston, 1911
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ALEXANDER PRIZE SPEAKING

John Lawrence Hurley, 1912	Merton William Greene, 1913
Arthur Deehan Welch, 1912	Loring Pratt, 1913
Cedric Russell Crowell, 1913	George Franklin Eaton, 1914
Paul Howard Douglas, 1913	Robert Devoré Leigh, 1914
John Edward Dunphy, 1913	

HONOR MEN

Class of 1910

Robert Hale,	<i>Rhodes Scholar.</i>
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Class of 1911

William Henry Callahan,	<i>Philo Sherman Bennett Prize.</i>
Arthur Harrison Cole,	<i>Class of 1868 Prize.</i>
Ernest Gibson Fifield,	<i>Bradbury Debating Prize, 1st.</i>
	<i>Intercollegiate Debating Medal.</i>

Appointments and Awards

Charles Boardman Hawes,	<i>Henry W. Longfellow Scholar.</i> <i>Goodwin Commencement Prize.</i> <i>Pray English Prize.</i> <i>Hawthorne Prize.</i>
Edward Eugene Kern,	<i>Rhodes Scholar.</i>
Harold Percival Marston,	<i>Brown Composition Prize, 1st.</i>
Philip Weston Meserve,	<i>Brown Memorial Scholar.</i>
Charles Lewis Oxnard,	<i>Brown Composition Prize, 2d.</i>
Edward Warren Skelton,	<i>Smyth Mathematical Prize.</i>
Earl Baldwin Smith,	<i>Charles Carroll Everett Scholar.</i> <i>New England Intercollegiate Oratorical League Gold Medal.</i>

Class of 1912

Charles Francis Adams, Jr.,	<i>Bradbury Debating Prize, 2d.</i> <i>Intercollegiate Debating Medal.</i>
Robert Danforth Cole,	<i>Brown Memorial Scholar.</i>
Earle Francis Maloney,	<i>Bradbury Debating Prize, 2d.</i>
Ellison Smullen Purington,	<i>Smyth Mathematical Prize.</i> <i>Almon Goodwin Prize.</i>
Burleigh Cushing Rodick,	<i>Class of 1875 Prize in American History.</i> <i>Bradbury Debating Prize, 1st.</i> <i>Intercollegiate Debating Medal.</i> <i>Hiland Lockwood Fairbanks Prize.</i>
Arthur Deehan Welch,	<i>Alexander Speaking Prize, 1st.</i>

Class of 1913

Willis Elden Dodge,	<i>Sewall Latin Prize.</i>
Paul Howard Douglas,	<i>Noyes Political Economy Prize.</i>
Merton William Greene,	<i>Bradbury Debating Prize, 2d.</i>
Leon Everett Jones,	<i>Brown Memorial Scholar.</i>
Douglas Howard McMurtrie,	<i>Smyth Mathematical Prize.</i>
Fred Dixon Wish, Jr.,	<i>Bradbury Debating Prize, 1st.</i>

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Class of 1914

George Franklin Eaton,	<i>Hiland Lockwood Fairbanks Prize.</i>
Alfred Everett Gray,	<i>Goodwin French Prize.</i>
Robert Devore Leigh,	<i>Alexander Speaking Prize, 2d.</i>
	<i>Hiland Lockwood Fairbanks Prize.</i>
Kenneth Allan Robinson,	<i>David Sewall Premium.</i>
Richard Earl Simpson,	<i>Brown Memorial Scholar.</i>

Degrees Conferred in 1911

BACHELOR OF ARTS

Allen, William Clinton	Curtis, John Libby
Bailey, Merton Glenn Lewis	Curtis, Willard Hallowell
Benner, Hervey Drowne (as of the Class of 1909)	Davis, Lawrence
Berry, Harrison Morton	Dennis, Alonzo Garcelon
Bickmore, Harold Vincent	Devine, John James
Black, Fred Charles	Emerson, Walter Nelson
Brummett, John Leslie	Fifield, Ernest Gibson
Burgh, David Tosh	Genthner, Sylvan Brooks
Burkett, Franz Upham	Gibson, Arthur Collis
Burnham, Harold Nichols	Hansen, Philip Herman
Burns, Frank Hastings	Hastings, Hugh Warren
Byles, Charles Hinckley	Hawes, Charles Boardman
Callahan, William Henry	Hichborn, Alden Sprague
Cartland, John Everett	Hine, Harold Kirkham
Clark, Linwood Everett	Hine, Roderick Paul
Clifford, William Henry	Horsman, Read Clark
Cole, Arthur Harrison	Howe, George Wilson
	Hussey, Stetson Harlowe

Degrees Conferred in 1911

Hyer, David Scribner	Oxnard, Charles Lewis
Johnson, John Loring	Parkman, Lawrence Pratt
Kellogg, Chester Elijah	Partridge, Ben Weston, Jr.
Kern, Edward Eugene	Pierce, Stanley Woodward
Kimball, Philip Horatio	Purington, Frank Humphrey
King, Elmer Henry	Redfern, Donald
Knight, Frank Willis	Roberts, John Leonard
Koughan, Daniel Francis (as of the Class of 1909)	Robinson, Harrison Leonard
Lawlis, Robert Martin	Sanborn, Oliver True
Lord, Fred Raymond	Sanford, Gardner
McFarland, Lawrence	Skelton, Edward Warren
McLaughlin, Harry Buddington	Skillin, Waldo Thompson
(as of the Class of 1910)	Smith, Earl Baldwin
Macomber, George Herbert	Somes, Abraham Jacob
Marston, Harold Percival	Sullivan, Richard Wesley
Merrill, William Folsom	Weeks, DeForest
Meserve, Philip Weston	White, Harold Sewall
Miller, Paris Edward	White, Joseph Curtis
Oram, Julius Calvin	Wiggin, Harry Lawrence

MASTER OF ARTS

Frank Caradoc Evans (1910) James Lukens McConaughy

DOCTOR OF MEDICINE

Baldwin, Albert Kilburn, A.B.	Taylor, Cornelius John
Clement, James Donald	Thewlis, Malford Wilcox
Dolley, Frank Stephen, A.B.	Webster, Francis Howe, B.S.
Higgins, Everett Clifton, A.B.	Wharton, Charles Green, B.S.
Jackson, Elmer Herbert	Wilson, Charles Moore
Nason, Charles Jewell	Wollin, Gustaf Fritz Robert
Stevens, Carl Hervey	

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Honorary Degrees

MASTER OF ARTS

Ida Josephine Everett

DOCTOR OF LETTERS

Annie Crosby Emery Allinson William Emanuel Walz
Payson Smith

DOCTOR OF LAWS

Franklin Conant Payson (1876) Henry Crosby Emery (1892)
Charles Fletcher Johnson (1879)

BOWDOIN COLLEGE

FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., *PRESIDENT and Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., LL.D., *Professor of English Literature.*

HENRY JOHNSON, PH.D., *Professor of Modern Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training.*

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.*

WILMOT BROOKINGS MITCHELL, A.M., *Professor of Rhetoric and Oratory.*

CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology.*

ROSCOE JAMES HAM, A.M., *Professor of German.*

FREDERIC WILLIS BROWN, PH.D., *Professor of Modern Languages.*

KENNETH CHARLES MORTON SILLS, A.M., *DEAN and Professor of Latin.*

MANTON COPELAND, PH.D., *Professor of Biology.*

MARSHALL PERLEY CRAM, PH.D., *Professor of Chemistry and Mineralogy.*

WILLIAM EDWARD LUNT, PH.D., *Professor of History and Political Science.*

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PAUL NIXON, A.M., *Professor of Classics and History.*

WILLIAM HAWLEY DAVIS, A.M., *Professor of English and Argumentation.*

WARREN BENJAMIN CATLIN, A.B., *Assistant Professor of Economics and Sociology.*

ORREN CHALMER HORMELL, A.M., *Assistant Professor of History.*

GERALD GARDNER WILDER, A.B., *Assistant Librarian.*

HENRY BISSELL ALVORD, B.S., *Clerk and Assistant Professor of Surveying, Mechanical Drawing and Astronomy.*

NATHANIEL EDWARD LOOMIS, PH.D., *Instructor in Chemistry.*

[JAMES LUKENS McCONAUGHY, A.M., *Instructor in English and Secretary of the Christian Association.* On leave of absence.]

ERNEST GIBSON FIFIELD, A.B., *Assistant in English and Secretary of the Christian Association.*

Committees of the Faculty

ADMINISTRATIVE. — The President, *Chairman*; The Dean, Professors Mitchell, Whittier and Assistant Professor Hormell.

ATHLETICS. — Professor Whittier, *Chairman*; Professors Copeland and Hutchins.

CATALOGUE. — Mr. Wilder, *Chairman*; The Dean and Professor Ham.

CURRICULUM. — Professor Burnett, *Chairman*; Professors Brown and Copeland.

EXAMINING. — The Dean, *Chairman*; Professors Brown, Ham, Lunt, Mitchell, Moody, Nixon and Woodruff.

LIBRARY. — Dr. Little, *Chairman*; Professors Chapman, Johnson, Lunt and Assistant Professor Catlin.

MUSIC. — Professor Woodruff, *Chairman*; Professors Burnett and Chapman.

Admission

PREPARATORY SCHOOLS. — The Dean, *Chairman*; Professors Ham and Mitchell.

PUBLIC EXERCISES. — Professor Johnson, *Chairman*; Professor Cram and Dr. Little.

RECORDING. — The Dean, *Chairman*; Professors Burnett, Moody and Woodruff.

STUDENT AID. — The President, *Chairman*; Professors Files, Nixon and Whittier.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

CHEMISTRY

The ground covered should be that included in any good first year text-book, such as Remsen's, Newell's, Newth's or Brownlee's. Candidates for examination must present note-books, certified by their instructors, in which are the results of their experiments and full notes of processes. They will be expected to answer in clear English, questions upon the fundamental chemical laws, and the preparation, properties, and uses of common chemical substances, and to solve simple arithmetical examples based upon chemical reactions.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler

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principles of rhetoric, and the writing of frequent compositions are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles governing paragraphs and different kinds of whole compositions, including letter-writing.

To secure the second end, the candidate is required to read the works named below. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature.

Reading and Practice.—The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be required to present evidence of a general knowledge of their subject-matter, and to answer simple questions on the lives of their authors. To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics drawn from the assigned readings. The candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1912. — Shakespeare's Julius Caesar and As You Like It; Franklin's Autobiography; Goldsmith's The Deserted Village; Dickens's A Tale of Two Cities; George Eliot's Silas Marner; Irving's Sketch Book; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Macaulay's Lays of Ancient Rome.

The lists for the class entering in 1912 are selected from the list adopted by the Conference on Uniform Entrance Require-

Admission

ments in English, at a meeting held in Newark, N. J., February 22, 1905. That list may be found in the Bowdoin College Catalogue, 1905-1906 (p. 41), or will be furnished on application to the College. Candidates may make other selections from that list provided that on or before the first day of February preceding the examination they give notice to the Dean of the College of their intention to present these books.

For classes entering after 1912, the books provided for Reading and Practice are arranged in the following groups, from which ten units—each unit is set off by semicolons—are to be selected, two from each group except that Group 1 may be wholly omitted.

GROUP 1. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

GROUP 2. Shakespeare's The Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.

GROUP 3. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; either Dickens's David Copperfield, or Dickens's A Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

GROUP 4. Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in the *Spectator*; Franklin's Autobiography (condensed); Irving's Sketch Book, Macaulay's Essays on Lord Clive and Warren Hastings, Thackeray's English Humorists; Selections from Lincoln, including at least the

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two Inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden, or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey.

GROUP 5. Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard and Goldsmith's The Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's The Lady of the Lake; Byron's Childe Harold, Canto IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish, and Whittier's Snow Bound; Macaulay's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.

Study and Practice.—The candidate should read the books prescribed below with the view of acquiring such knowledge of their contents as will enable him to answer specific questions with accuracy and some detail. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions and technical details.

For 1912.—Shakespeare's Macbeth; either Milton's Comus, L'Allegro and Il Penseroso, or Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; either Burke's Speech on Conciliation with America or both Washington's Farewell Address and Webster's First Bunker

Admission

Hill Oration; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

For 1913 and 1914.—Shakespeare's *Macbeth*; Milton's *L' Allegro*, *Il Penseroso*, and *Comus*; either Burke's *Speech on Conciliation with America*, or both Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; either Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

The examination will be divided into two parts, one of which may be taken as a preliminary, the other as a final. The first part of the examination will be upon the books required for Reading and Practice and may include questions upon grammar and the simpler principles of rhetoric. The second part of the examination will test the candidate's knowledge of the books required for Study and Practice, also his ability to develop a theme through several paragraphs. Subjects will be drawn from books required for Study and Practice, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

I. ELEMENTARY FRENCH. The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in re-

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producing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouvé and Labiche, *La cigale chez les fourmis*; Malot, *Sans famille*; Mairêt, *La tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcy, *Le siège de Paris*; Verne's stories.

II. ADVANCED FRENCH. This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La belle Nivernaise*; La Brète, *Mon oncle et mon curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loit, *Pêcheur*

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d'Islande; Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories, Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des temps mérovingiens*; Thiers, *L'expédition de Bonaparte en Egypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. ELEMENTARY GERMAN. The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with

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facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list; Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arabiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*; Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

II. ADVANCED GERMAN. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and

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Bilder aus der deutschen Vergangenheit, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures;" (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

GREEK

The examinations, except as stated in I (2), will be directed to testing the candidate's knowledge of Greek and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of three years with five exercises a week, covering four books of the *Anabasis* or their equivalent in Attic prose and 2000 verses of Homer, together with practice in prose composition and sight reading, will give the required proficiency.

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(1) The translation at sight of passages of simple Attic prose.

(2) A thorough examination on Xenophon's *Anabasis*, Book II, directed to testing the candidate's mastery of the or-

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dinary forms, constructions and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions and idioms only as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. This examination, *which must be preceded by the examination in Elementary Greek*, will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(1) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions and idioms, and on prosody.

(2) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

The examinations in history will call for comparisons of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

I. GREEK HISTORY. To the death of Alexander, with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 800 A.D., with due reference to government and institutions.

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III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

LATIN

I. AMOUNT AND RANGE OF THE READING REQUIRED

1. The Latin reading required of candidates, without regard to the prescription of particular authors and works, shall be not less *in amount* than Caesar, Gallic War, I-IV; Cicero, the speeches against Catiline, for the Manilian Law, and for Archias; and Virgil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (speeches, letters and De Senectute) and Sallust (Catiline and Jugurthine War); and Virgil (Bucolics, Georgics and Aeneid); and Ovid (Metamorphoses, Fasti and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATIONS

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, Speeches for the Manilian Law and for Archias, and Virgil, Aeneid, I-II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight, and candidates must deal satisfac-

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torily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

At Bowdoin College the grouping of subjects is as follows:

I. ELEMENTARY LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. The reading shall be not less in amount than Caesar, Gallic War, I-IV; and Cicero, the speeches against Catiline, for the Manilian Law, and for Archias. With the exception of the last two speeches, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover Cicero's speeches for the Manilian Law and Archias, sight translation of prose, grammar, and the translation into Latin prose of a passage, for which the words, construction, and range of ideas will be such as are common in the reading of the three years' course.

NOTE.—An examination on Grammar, Caesar, and the writing of simple Latin prose will be given to candidates for the degree of B.S. who offer two years of Latin.

II. ADVANCED LATIN. This examination, *which must be preceded by the examination in elementary Latin*, will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. The reading, in addition to that necessary for elementary Latin, shall be not less in amount than Virgil, Aeneid, I-VI. With the exception of the Aeneid, I-II, and

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either IV or VI, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover the Aeneid, I-II, and either IV or VI, and sight translation of both prose and poetry.

MATHEMATICS

The present definition of the requirements in Mathematics is in accordance with recommendations made in September, 1903, by a committee of the American Mathematical Society.

I. ELEMENTARY ALGEBRA. The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binominal theorem for positive integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

II. ADVANCED ALGEBRA. Permutations and combinations, limited to simple cases; complex numbers with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of

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higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

III. PLANE GEOMETRY. The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems, applications to the mensuration of lines and plane surfaces.

IV. SOLID GEOMETRY. The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

V. PLANE TRIGONOMETRY. Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

PHYSICS

Physics as represented by Gage's Elements of Physics, or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book,

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and have a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts one unit.*

To enter free from conditions, a candidate for admission must offer subjects amounting in all to $14\frac{1}{2}$ units, except as stated under Admission by Examination in Four Subjects on page 60.

I. FOR THE DEGREE OF A. B. The following subjects aggregating 10 units are required:

English	3
Latin, Elementary	3
Algebra	2
Plane Geometry	1
Roman History	$\frac{1}{2}$
Greek, English or American History	$\frac{1}{2}$
	10

Subjects amounting to $4\frac{1}{2}$ units must be elected from the following list:

Latin, Advanced	1	Physics	1
Greek, Elementary	2	Algebra, Advanced	$\frac{1}{2}$
Greek, Advanced	1	Solid Geometry	$\frac{1}{2}$
French, Elementary	2	Trigonometry	$\frac{1}{2}$
French, Advanced	1	Greek History	$\frac{1}{2}$
German, Elementary	2	English History	$\frac{1}{2}$
German, Advanced	1	American History	$\frac{1}{2}$
Chemistry	1		

*One unit is equivalent to two points in the system used heretofore.

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If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Candidates are strongly recommended to present Advanced Latin for admission. If it is not presented, the student is required to take Latin A and B in college.

II. FOR THE DEGREE OF B.S. The following subjects aggregating 9 units are required:

English	3
Algebra	2
Plane Geometry	1
A Foreign Language	2
Two Histories	1
	9

Subjects amounting to $5\frac{1}{2}$ units must be elected from the following list:

Latin (2 years)	2	Chemistry	1
Latin, Elementary	3	Physics	1
Latin, Advanced	1	Algebra, Advanced	$\frac{1}{2}$
Greek, Elementary	2	Solid Geometry	$\frac{1}{2}$
Greek, Advanced	1	Trigonometry	$\frac{1}{2}$
French, Elementary	2	Greek History	$\frac{1}{2}$
French, Advanced	1	Roman History	$\frac{1}{2}$
German, Elementary	2	English History	$\frac{1}{2}$
German, Advanced	1	American History	$\frac{1}{2}$

Methods of Admission

ADMISSION BY EXAMINATION

EXAMINATIONS AT THE COLLEGE. The regular examinations for admission to college will be held in Banister Hall, in Brunswick, on Thursday, Friday and Saturday, June 27, 28 and 29,

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1912, and on Monday, Tuesday and Wednesday, September 23, 24 and 25, 1912, according to the schedule printed on page 58. The examinations are chiefly in writing.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than four years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1. Chemistry; 2. English; 3. French; 4. German; 5. Greek; 6. History (Greek, Roman, English and American); 7. Latin; 8. Mathematics (Algebra and Plane Geometry); 9. Physics.

No papers will be sent in Advanced Mathematics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations in 1912 are June 6, 7 and 8. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Dean, must be received *not later than June 3*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examinations. On the completion of the examinations, the books are to be returned at once by express at the expense of the College.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the College.

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For 1912 the schedule of examinations is as follows:

Thursday, June 6.	Friday, June 7.
Thursday, June 27.	Friday, June 28.
Monday, September 23.	Tuesday, September 24.

9-12 A.M., History.	9-12 A.M., English.
2-5 P.M., Latin.	2-5 P.M., French.
7-9 P.M., Chemistry.	7-9 P.M., Physics.

Saturday, June 8.
Saturday, June 29.
Wednesday, September 25.

9 A.M.-1 P.M., Mathematics.
2-5 P.M., German or Greek.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle; these schools having been made special fitting schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

The certificates, issued as the result of examinations which are held by the College Entrance Examination Board, will be accepted by the College in so far as they meet the requirements for admission.

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ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Boston University, Bowdoin, Brown, Dartmouth, Mount Holyoke, Smith, Tufts, the University of Maine, the University of Vermont, Wellesley, Wesleyan University, and Williams. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I.

The College has established a list of schools outside New England to which it accords the certificate privilege. Admission to this list can be obtained on presentation of evidence of qualification.

Blank certificates for admission to Bowdoin College may be had by principals on application to the Dean.

ADMISSION BY EXAMINATION IN FOUR SUBJECTS

Under this plan of admission candidates will be required to present a record of their school work showing the subjects studied, the time devoted to them, and the quality of work done. Such a report, to be approved, must show that the work in secondary schools has covered four years, that it has been mainly devoted to languages, mathematics, science and history, and that two of the subjects offered have been pursued beyond their elements. This record must be sent to the Dean of the College, before June 1. If it is approved by the College, candidates will then be given, in each of four (4) subjects, an examination

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adapted to show the range and quality of their attainment in the whole subject.

For the degree of A.B. the examinations shall be: English; Latin; and two of the following six: (except that Science may not be offered unless Mathematics is offered with it) French, German, Greek, History, Mathematics, Science (Physics and Chemistry).

For the degree of B.S. the examinations shall be: English; Mathematics; and two of the following six: French, German, Greek, History, Latin, Science (Physics and Chemistry).

Both the school records and the results of the examinations will determine the acceptance or rejection of the candidates. Those who are admitted will be received free from conditions, and those who are rejected will receive no credit for such examinations as they may have passed under this plan of admission.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior class after the beginning of the second Semester. Applications for admission to advanced standing should be addressed to the Dean.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming candidates for a degree; but no student shall continue in such special standing for more than two years. Applications for admission as special students should be addressed to the Dean.

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before certificates of admission are granted. A testimo-

Required and Elective Studies

nial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the certificate of admission.

Required and Elective Studies

REQUIRED STUDIES

FRESHMAN YEAR. The following courses are required of all students: English 1, 2; French 1, 2, (or German 1, 2); Hygiene, the first semester; and English 5, the second semester. In case a student offers both Elementary French and Elementary German for admission, an elective may be substituted in place of the required language.

Candidates for the degree of A.B. must elect Latin 1, 2, Greek 1, 2, or Mathematics 1, 2, except those entering without credit in Advanced Latin, who must elect Latin A, B; and who, if they do not elect Greek 1, 2 or Mathematics 1, 2 in the Freshman year, must elect Latin 1, 2 in the Sophomore year.

Candidates for the degree of B.S. must elect Mathematics 1, 2.

SOPHOMORE YEAR. German is required of all students, except those who offered either French or German, or both, for admission. Credits in both Elementary French and Elementary German, obtained either at entrance to college or in college, are required for a degree.

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In addition to the foregoing required courses a course in Physical Training is required of all students from December first to April first in each of the four years.

ELECTIVE STUDIES

Thirty-four (34) courses are required for a degree, in addition to Hygiene, English 5 and four courses in Physical Training. These courses, except those mentioned above under Required Studies, which students must take at the times designated, are all elective, but subject to the following regulations:

1. Each student, whether Regular or Special, is required to take four (4) full courses each Semester in addition to the required work in Physical Training, Hygiene and English 5.

2. Each regular student is required to take a fifth (5) course during any two (2) Semesters after the Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester without the consent of the Dean.

4. No student is allowed to elect courses involving a conflict of hours, except with the consent of the Faculty.

5. Each student is required to have completed before graduation either, (1) one major and two minor subjects, or (2) two major subjects.

DEFINITIONS. A Major is a subject pursued through six (6) courses. A Minor is a subject pursued through four (4) courses.

6. Each student who is a candidate for the degree of B.S., must have completed before graduation a major in either Biology, Chemistry or Physics.

7. Each student must see that the courses which he elects are open to his class and that he has fulfilled the prerequisites for them.

COURSES OF INSTRUCTION

ASTRONOMY

ASSISTANT PROFESSOR ALVORD

[1. General Astronomy. Text-books, lectures and observatory work. First Semester: Tuesday, Thursday, Saturday, 10.30.]

Omitted in 1911-1912.

Elements of spherical trigonometry with applications to simple problems in navigation and surveying.

Prerequisites, Mathematics 1, 2.

BIOLOGY

PROFESSOR COPELAND

Zoölogy

1. General Introduction to Zoölogy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 1.30-3.30.

2. Continuation of Course 1. Second Semester: at the same hours.

The lectures in Courses 1, 2 are designed to give a general introduction to the subject of Zoölogy. The classification, distribution, morphology, physiology, ecology and evolution of animals are discussed. Representative types from the lower groups of animals to the vertebrates are studied in the laboratory. Some exercises in addition are based on animal cytology, histology, embryology and physiology. The exercises involve the use of the microscope, and in Course 2 the student is given practice in dissecting. These courses are intended for beginners, and for those wishing to gain a comprehensive view of the subject.

Elective for Sophomores, Juniors and Seniors.

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[3. Comparative Anatomy of Vertebrates. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30-12.30.]

[4. Continuation of Course 3. Second Semester: at the same hours.]

Omitted in 1911-1912.

Courses 3, 4 deal with the morphology of vertebrates from a comparative standpoint, and illustrate the evolution of animals from the fishes to the mammals. The classification of the chordates, theories of vertebrate structure and the homologies of organs are discussed. A fish, amphibian, reptile, bird and mammal are dissected and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

5. Microscopical Anatomy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30-12.30.

This course treats of the technique involved in the preparation and study of animal cells and tissues. A series of preparations is made and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

6. Vertebrate Embryology. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 10.30-12.30.

A course on the earlier stages of development, treating of the reproductive cells, maturation, fertilization, cleavage, the formation of germ layers, the development of the primitive segments and the formation of fetal membranes. A series of preparations illustrating the early development of the chick is made and studied.

Prerequisite, Course 5.

Courses 3, 4 and 5, 6 are given in alternate years and are intended for those who desire to lay a broad foundation for the study of human morphology and physiology, and for those especially interested in or proposing to teach biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

Courses of Instruction

7. Special Laboratory and Field Investigations. First Semester: Six hours a week, at the convenience of instructor and students.

8. Continuation of Course 7. Second Semester: at the same hours.

These courses offer to students having the requisite training the opportunity of pursuing original biological investigations under the direction of the instructor.

9. Organic Evolution. Lectures and reading. First Semester: Tuesday, Thursday, Saturday, 9.30.

This course includes a discussion of the evidence supporting the doctrine of evolution, and an examination into the theories of species origin. The topics of variation, adaptation, heredity and other problems which arise in connection with evolutionary biology are discussed.

Elective for Juniors and Seniors.

Botany

1. Botany. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 8.30-10.30.

The lectures are intended to give a general survey of botany and treat principally of the classification, morphology, physiology and ecology of plants. The laboratory work consists of the study of types of the vegetable kingdom from the lower groups to the flowering plants. The purpose of the course is to give a comprehensive view of the vegetable kingdom, and to present some of the facts and doctrines derived from the scientific study of plants. It is intended for beginners.

Elective for Sophomores, Juniors and Seniors.

CHEMISTRY

PROFESSOR CRAM AND DR. LOOMIS

1. General Chemistry. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30. Laboratory divisions on the same days at 11.30, 1.30 and 2.30.

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2. Continuation of Course 1. Second Semester: at the same hours.

PROFESSOR CRAM

Elective for Sophomores, Juniors, and Seniors, and for Freshmen in the Medical Preparatory Course.

3. Qualitative Analysis. First Semester: Monday, Wednesday, Friday, 2.30.

PROFESSOR CRAM

Prerequisites, Courses 1, 2.

4. Quantitative Analysis. General methods, gravimetric and volumetric. Second Semester: Monday, Wednesday, Friday, 2.30.

DR. LOOMIS

The course is conducted by means of conferences, each man working individually. Five hours a week laboratory work is required and one hour lecture on Physical Chemistry.

Prerequisite, Course 3.

5. Quantitative analysis, organic and inorganic preparations, water and food analysis, assaying, industrial chemistry. First Semester: five hours laboratory work, a conference period, and one hour lecture on Physical Chemistry, at hours convenient to the instructor and students.

DR. LOOMIS

Work may be chosen from the above list of topics according to individual preferences. It is impossible for one man to take up all the topics in the time available.

Men intending to elect this course are advised, though not required, to elect Physics 1, 2.

Prerequisite, Course 4.

6. Organic Chemistry. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 2.30.

DR. LOOMIS

Prerequisite, Course 3.

7. Continuation of Course 5. First Semester.

DR. LOOMIS

Elective for those who have passed Course 5 and for Seniors who are taking Course 5.

Courses of Instruction

8. Continuation of Course 7. Second Semester.

PROFESSOR CRAM AND DR. LOOMIS

Elective for those who have passed Course 7 and who have taken or are taking Course 6. This course cannot be taken without Course 6.

For 1911-12 for Seniors who have taken organic chemistry an extra course designated as Chemistry 8a, will be given to enable a man to obtain two courses in chemistry during the whole of the Senior year.

Physical Chemistry. One lecture a week throughout the year as a part of Courses 4, 5. Second Semester: Wednesday, 2.30; First Semester: Thursday, 2.30. PROFESSOR CRAM

Required of those taking Courses 4, 5.

Physiological Chemistry. Both semesters: Thursday, 8.30-12.30. PROFESSOR CRAM

Permission will be given to a few seniors of good standing in the College to take the work in physiological chemistry in the Medical School with credit for a one semester course. All such men should take organic chemistry their Junior year. Permission to take this course will be granted only to men whose record in the department warrants it, and to only a limited number of such men.

Men who come to college with the intention of specializing in chemistry and who would like advice about the collateral subjects required for graduate work, are urged to consult Professor Cram at an early date.

ECONOMICS AND SOCIOLOGY

ASSISTANT PROFESSOR CATLIN

1. Principles of Economics. Text-book and lectures. First Semester: Tuesday, Thursday, Saturday, 9.30.

This course is a study of the fundamental laws of the subject with some of their practical applications in business and politics.

Elective for Sophomores, Juniors and Seniors.

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2. Corporations, Trusts and Railways. Text-books, reports and lectures. Second Semester: Tuesday, Thursday, Saturday, 9.30.

This course is a study in business organization as revealed in these forms of enterprise. Among the subjects treated are: the evolution of the corporation, nature of corporate charters, methods of promotion and financing; the causes and bases of trusts, policies of trusts as to prices and wages, legal aspects of the trust problem; problems of railway management, rates, pooling, consolidation, governmental policies toward railways here and abroad.

Prerequisite, Course 1.

3. Money and Banking. Text-books, reports and lectures. First Semester: Tuesday, Thursday, Saturday, 11.30.

An attempt is made in this course to arrive at sound principles as to currency and banking reform. A study is made of the relation between money and prices, of the problem of monetary standards, and of the banking systems and methods of the United States and leading European countries.

Elective for Juniors and Seniors who have passed Course 1.

4a. Public Finance. Lectures, readings and reports. Second Semester: Tuesday, Thursday, Saturday, 11.30.

This course takes up the problems of local, state and national revenue and expenditure from a social as well as from a fiscal standpoint.

Elective for Juniors and Seniors who have passed Course 1.

[4b. Commerce and Commercial Policy. Lectures, reports and text-books. Second Semester: Tuesday, Thursday, Saturday, 11.30.]

Omitted in 1911-1912.

In this course an introductory survey is made of the historical and theoretical aspects of international trade, but chief emphasis is placed upon the analysis and discussion of the different commercial policies, especially free trade and protection as illustrated in English and American history. Other subjects treated are customs administration and ocean transportation.

Elective for Juniors and Seniors who have passed Course 1. Course 4a is recommended as an introduction to this Course.

Courses of Instruction

5. Sociology. Lectures, reports and text-books. First Semester: Tuesday, Thursday, Saturday, 10.30.

Beginning with the biological and psychological bases of human society, this course attempts to trace its evolution under the influence of various forces with a view to arriving at certain laws of social progress and applying them to present social problems.

Elective for Juniors and Seniors.

6. The Labor Problem. Lectures, readings and discussions. Second Semester: Tuesday, Thursday, Saturday, 10.30.

This is a study of the rise of the factory system and modern capitalistic production with a critical analysis of the various solutions of the problem, attempted and proposed: trade unionism, socialism, profit-sharing, coöperation, industrial education, and labor legislation.

Elective for Juniors and Seniors.

ENGLISH

PROFESSORS MITCHELL AND DAVIS, AND MR. FIFIELD

1. English Composition. First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30. Div. B, Tuesday, Friday, Saturday, 11.30; Thursday, 9.30.

Espenshade's Composition and Rhetoric. A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: *The Jungle Book*, *Will o' the Mill*, *Virginibus Puerisque*, *Henry Esmond*, *The Golden Treasury*, *Henry IV*, *Schurz's Abraham Lincoln*.

Required of Freshmen.

2. Continuation of Course 1. Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30. Div. B, Tuesday, Saturday, 11.30; Thursday, 9.30.

PROFESSOR MITCHELL

Genung's Practical Rhetoric. A study of the theme as a whole, introductory to the more detailed study of exposition, description, narration and argumentation in Courses 3, 4 and 6. Recitations, lectures, readings; written work

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with conferences, five long themes and occasional page themes; outside reading: Twice Told Tales, David Copperfield, Othello, Adam Bede, Treasure Island.

Required of Freshmen.

3. English Composition. First Semester: Tuesday, Thursday, Saturday; two divisions, 8.30 and 11.30.

Practice in writing, with emphasis upon Exposition and Argumentation; daily themes, long themes, brief and forensic. Frequent conferences.

4. Study of Modern Prose Writing. Second Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR DAVIS

Required reading from the works of Goldsmith, Burke, Scott, Lamb, De Quincey, Carlyle, Thackeray, Dickens, Ruskin, Emerson and Stevenson. Frequent written reports; group conferences.

Courses 3, 4 are elective for Sophomores, Juniors and Seniors. Either may be taken without the other.

5. Public Speaking. Second Semester: Div. C, Friday, 8.30. Div. E, Friday, 9.30. Div. D, Friday, 10.30. Div. F, Friday, 11.30. PROFESSOR MITCHELL

Informal lectures; drill in articulation, intonation and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class.

Required of Freshmen.

6. Argumentation and Debating. First Semester: Tuesday evening; Thursday, 3.30.

Further study of Argumentation especially as applied to formal debating. Study of principles, analysis of notable examples, practice in speaking, participation in actual debates.

Prerequisites, Courses 1, 2, 3, 5.

7. Continuation of Course 6. Forms of Public Address. Second Semester; at the same hours.

PROFESSOR DAVIS AND MR. FIFIELD

Study of the Letter, Editorial, Eulogy, Special Address, and After-dinner Speech. Opportunities for actual public

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speaking provided when possible. Credit given for participation in the Brabury Prize Debate and for service as coach in the Bowdoin Debating League.

Prerequisite, Course 6.

ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. English Literature of the Eighteenth Century: Augustan authors; The Romantic Movement. Text-book, lectures and readings. First Semester: Monday, Wednesday, Friday, 9.30.

2. English Poetry of the Nineteenth Century. Text-book, lectures and reading. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, 2 form a consecutive course throughout the year.

Elective for Juniors and Seniors.

3. Early English Literature. Lectures, with special study of Beowulf (in translation), the Vision of Piers Plowman and selections from the Canterbury Tales. First Semester: Tuesday, Thursday, Friday, 1.30.

4. Elizabethan Literature: Select plays of Shakespeare. Seventeenth Century authors. Lectures and readings. Second Semester: Tuesday, Thursday, Friday, 1.30.

Courses 3, 4 form a consecutive course, but either course may be taken without the other.

Elective for Seniors.

FRENCH

PROFESSORS JOHNSON AND BROWN

1. Grammar, composition and reading of simple texts. First Semester: Monday, Wednesday, Friday, 2.30.

2. Grammar, composition and reading of modern prose. Second Semester: Monday, Wednesday, Friday, 2.30.

PROFESSOR BROWN

Courses 1, 2 are required of all Freshmen and other first-

Courses of Instruction

Lectures, interpretation of selected texts of the Ninth to the Sixteenth Centuries. First Semester: Monday, Wednesday, Friday, 11.30.

14. Continuation of Course 13. Seventeenth to the Nineteenth Centuries. Second Semester: at the same hours.

PROFESSOR JOHNSON

Elective for Juniors and Seniors.

Prerequisites, Courses 3, 4, or their equivalent.

GEOLOGY AND MINERALOGY

PROFESSOR CRAM AND DR. LOOMIS

Geology

1. An elementary course in dynamical and historical geology. First Semester: Monday, Wednesday, Friday, 9.30.

DR. LOOMIS

Elective for Sophomores, Juniors and Seniors.

Mineralogy

1. The identification, composition, properties, occurrence and uses of the common minerals and rocks. Lectures and laboratory work. Second Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR CRAM

Prerequisite, Chemistry 1.

The courses in geology and mineralogy together constitute a year's work in geology, and are intended to satisfy the requirements of graduate schools for that amount of work in the subject. Either course may be taken without the other.

GERMAN

PROFESSORS FILES AND HAM

1. Elementary German. First Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30; Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

2. Continuation of Course 1. Second Semester: at the same hours.

PROFESSOR HAM

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Required of Freshmen who offer French for admission, and of Sophomores who have not previously passed these courses or their equivalent.

3. Prose Composition and Reading. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Continuation of Course 3. Second Semester: at the same hours. PROFESSOR FILES

Advanced prose composition. Drama of the classical period: in 1911-1912, Lessing's *Minna von Barnhelm* and *Emilia Galotti*. The time devoted to class-room work is equally divided between reading and prose composition together with abundant practice in speaking German.

Elective for those who have passed Courses 1, 2, or their equivalent.

5. Prose and Poetry of the Nineteenth Century. Practice in writing and speaking German. First Semester: Monday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR HAM

Courses 5, 6 aim to develop a practical mastery of the German language. After a rapid review of Course 2 the class will read Baumbach, *Der Schwiegersohn*; Dillard, *Aus dem Deutschen Dichterwald*; Hebbel, *Agnes Bernauer*; Heine, *Die Harzreise*. Oral and written composition and review of fundamental topics of grammar form a portion of each recitation.

Elective for those who have passed Course 2 or who have received credit in German for admission.

7. Goethe's Faust. Study of Part I and selections from Part II. First Semester: Tuesday, Thursday, Saturday, 11.30.

8. Continuation of Course 7. Second Semester: at the same hours. PROFESSOR FILES

Elective for those who have passed Courses 1, 2 (or their equivalent), and 3, 4 or 5, 6.

[9. History of German Literature to the Second Classical Period. First Semester.]

Courses of Instruction

[10. Continuation of Course 9. Second Semester.]

Omitted in 1911-1912.

Elective for those who have passed Courses 1, 2 (or their equivalent), and 3, 4 or 5, 6.

[11. History of German Literature from Mid-Eighteenth Century to Goethe's Death. First Semester.]

[12. History of German Literature since Goethe's Death. Second Semester.]

Omitted in 1911-1912.

Elective for those who have passed Courses 1, 2 (or their equivalent), and 3, 4 or 5, 6.

13. Contemporary German Drama. First Semester: Tuesday, 2.30-4.30.

14. Continuation of Course 13. Second Semester: at the same hours.

PROFESSOR FILES

A careful study of some of the more important stage plays of recent years, with special emphasis upon their literary value, their dramatic construction, and the social problems suggested. The course will comprise also a study of the contemporary drama in Europe and America.

Elective for those who have studied German three (in exceptional cases, two) years.

15. Gothic. Grammar and reading from the Gothic Bible. First Semester: two hours a week, at the convenience of instructor and students.

PROFESSOR FILES

16. Gothic. Second Semester: three hours a week at the convenience of instructor and students.

PROFESSOR HAM

Analysis of selected passages from the Gothic Bible. Introduction to Old High German,—development of sounds and inflections.

These courses are intended primarily to furnish an introductory course to the study of Germanic philology, with a special view to the needs of students who intend to enter upon university work in Germanics.

Elective for those who have studied German at least three years.

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GREEK

PROFESSOR WOODRUFF

A. Elementary Greek. Text-book, Benner and Smyth's Beginner's Greek Book. First Semester: Monday, Tuesday, Thursday, Friday, 2.30.

B. Continuation of Course A. Xenophon's Anabasis, with exercises in writing Greek. Second Semester: at the same hours.

The aim of these courses is to prepare the student, as well as the limit of time allows, for admission to Greek 1.

Elective for those who enter without Greek, but omitted whenever there are fewer than three applicants.

1. Plato and Homer. First Semester: Tuesday, Wednesday, Friday, Saturday, 8.30.

Until the holiday recess the work centers in the life, character, and influence of Socrates, and the reading includes Plato's Apology and Crito, with selected passages from other dialogues, and also from the Memorabilia of Xenophon. The aim of the work in the Odyssey is to gain a clear conception of the poem as a whole, its contents, structure, and literary art, selected books being read in the original and the rest in translation.

2. Homer and The New Testament. Second Semester: at the same hours.

The study of the Odyssey as outlined under Course 1 will continue until the spring recess, after which the Gospel of Mark will be read, with study of Palestine and its life and institutions in New Testament times to supply the historic background for the life of Jesus.

Courses 1, 2 are elective for Freshmen who have received credit in Greek for admission and for those who have completed Courses A, B.

3. Lyric Poetry. First Semester: Tuesday, Thursday, Saturday, 10.30.

The best Greek lyrics are read as a connecting link between the epic and the drama, with investigation of chang-

Courses of Instruction

ing political, economic, and social conditions and of the relation of these changes to the new kinds of poetry.

Prerequisites, Courses 1, 2.

4. Dramatic Poetry. Second Semester: at the same hours.

While reading and translating selected plays of Euripides the student is helped to trace the development of tragedy from its origin in lyric poetry to its culmination under the Athenian democracy "as the final outcome of the Greek genius in poetry."

Prerequisites, Courses 1, 2, 3.

5. Dramatic Poetry continued; or Oratory. First Semester: three hours, at the convenience of instructor and students.

Selected plays of Sophocles and Aeschylus continue the work in tragedy; in alternation with Lysias and Demosthenes and the history of the development of Greek oratory.

6. Dramatic Poetry continued; or History. Second Semester: three hours, at the convenience of instructor and students.

It is the aim of this course to bring out the significance of the Old Comedy as a factor in Greek political and social life, as illustrated by selected plays of Aristophanes; in alternation with Thucydides and the study of the growth of Greek historical writing.

Courses 5, 6 may be elected for two successive years.

Prerequisites, Courses 3, 4.

7. Greek Literature in English Translation. Lectures and readings, group conferences for informal discussion, and assignment of selected works for special study and written tests. First Semester: Tuesday, Thursday, Saturday, 9.30.

After a general introduction which includes a rapid review of the epic and lyric periods, the main work will be in the development of tragedy from Aeschylus to Euripides.

8. Continuation of Course 7. Second Semester: at the same hours.

Selected plays of Aristophanes are read in connection with the works of Plato that deal with the person of So-

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crates, the Memorabilia and Symposium of Xenophon, and Thucydides' History of the Sicilian Expedition.

For Courses 7, 8 no knowledge of the Greek language is necessary.

Elective for Juniors and Seniors.

HISTORY AND POLITICAL SCIENCE

PROFESSORS LUNT AND NIXON, AND ASSISTANT PROFESSOR HORMELL

History

1. History of Greek Civilization. First Semester: Monday, Wednesday, Friday, 1.30.

2. History of Roman Civilization. Second Semester: at the same hours.

PROFESSOR NIXON

While these courses are introductory to Courses 3, 4, 5, 6, they are not prerequisites for them. Weekly lectures, written recitations, and conferences with small groups of the class for the discussion of assigned topics.

Elective for Freshmen.

[3. History of Europe to 1300. First Semester: Monday, Wednesday, Friday, 11.30.]

[4. History of Europe from 1300 to the Renaissance. Second Semester: at the same hours.]

Omitted in 1911-1912.

PROFESSOR LUNT

5. History of England to 1547. First Semester: Monday, Wednesday, Friday, 11.30.

6. History of England since 1547. Second Semester: at the same hours.

PROFESSOR LUNT

Courses 3, 4 form a consecutive course throughout the year, as do Courses 5, 6. They are given in alternate years. Lectures, text-book, collateral reading, conferences, and reports.

Elective for Sophomores, Juniors and Seniors.

Courses of Instruction

7. History of the English Colonies in North America and of the United States to the end of the Eighteenth Century. First Semester: Monday, Wednesday, Friday, 10.30.

8. History of the United States in the Nineteenth Century. Second Semester: at the same hours.

ASSISTANT PROFESSOR HORMELL

Courses 7, 8 form a consecutive course throughout the year. Lectures will occupy two of the three hours allotted to these courses. Weekly conferences of an hour, for the discussion of assigned readings, with small groups of students will be substituted for the third lecture.

Elective for Juniors and Seniors.

Political Science

1. European Governments and Parties, with special reference to the Government of England. First Semester: Monday, Wednesday, Friday, 9.30.

PROFESSOR LUNT

2. American Government and Politics. Second Semester: at the same hours.

ASSISTANT PROFESSOR HORMELL

Courses 1, 2 form a consecutive course throughout the year. Lectures, assigned readings, reports, and conferences with small groups of students.

Elective for Juniors and Seniors.

HYGIENE AND PHYSICAL TRAINING

PROFESSOR WHITTIER

Hygiene

Lectures on Human Anatomy, Physiology and Personal Hygiene. First Semester: Thursday, 8.30.

Each student receives a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for

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the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

Required of Freshmen.

Physical Training

1. Class exercises: military drill, setting-up drill and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and broadswords. Squad exercises: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercises: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

ITALIAN

PROFESSOR BROWN

1. Elementary Course. Grammar, composition and reading. First Semester: Monday, Wednesday, Friday, 10.30.

2. Continuation of Course 1. Selections from the prose and poetry of the Eighteenth and Nineteenth Centuries. Second Semester, at the same hours.

Given in 1911-1912; to be omitted in 1912-1913.

[3. Dante, Petrarch and Boccaccio. Selections from the

Courses of Instruction

Divine Comedy, the Sonnets and the Decameron. First Semester: three hours a week.]

[4. Continuation of Course 3. Second Semester: three hours a week.]

Omitted in 1911-1912.

LATIN

PROFESSORS SILLS AND NIXON

A. Cicero's *De Amicitia* and selections from Ovid's *Metamorphoses*. First Semester: Monday, Tuesday, Wednesday, Friday, 9.30.

B. Selections from Virgil's *Aeneid*. Second Semester: at the same hours.

PROFESSOR NIXON

These courses are required of all candidates for the degree of A.B. who have not received credit in Advanced Latin for admission.

1. Introduction to Latin Prose Literature. Selections from Livy, Cicero and Pliny the Younger. First Semester: Div. A, Tuesday 11.30, Thursday 9.30, Friday 11.30, Saturday 9.30. Div. B, Tuesday, Thursday, Friday, 10.30, Saturday, 9.30.

2. Introduction to Latin Poetry and Drama. Horace, Selected Odes; Terence, one play; Plautus, one play. Second Semester: at the same hours.

PROFESSORS SILLS AND NIXON

Ordinarily Course 2 may not be taken by students who have not had Course 1. Elective for Freshmen, and required of all Freshmen who do not take Mathematics.

3. General View of Latin Literature from the Origins to Ovid. First Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR SILLS

Prerequisites, Courses 1, 2.

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[3 a. General View of Latin Comedy. Rapid reading of texts, lectures and discussions. First Semester: Tuesday, Thursday, Saturday, 8.30.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR SILLS

Selected plays of Plautus are read, and the relation of Roman comedy to modern drama is brought out.

Prerequisites, Courses 1, 2.

4. General View of Latin Literature from Seneca to Claudian. Second Semester: Tuesday, Thursday, 1.30.

PROFESSOR NIXON

Prerequisites, Courses 1, 2, 3.

The Sewall Latin Prize is annually awarded to the Sophomore who passes the best examination in this course.

[4 a. Suetonius; Lives of the Caesars; Curtius; Life of Alexander the Great. Second Semester: Tuesday, Thursday, 1.30.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR NIXON

A course in rapid reading of comparatively easy Latin.

Prerequisites, Courses 1, 2, 3.

5. Juvenal and Tacitus. First Semester: two hours a week at the convenience of instructor and students.

PROFESSOR NIXON

Selections from the Satires, and the Principate of Nero. Roman society in the early Empire.

Prerequisites, Courses 1, 2, 3, 4.

[5 a. Latin Prose of the Empire. First Semester: two hours a week.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR NIXON

Selected readings from Petronius, Seneca, Apuleius, Quintilian. Discussions upon Roman social life, philosophy, education, literary criticism and origin of the novel.

Prerequisites, Courses 1, 2, 3, 4.

Courses of Instruction

6. Selections from Lucretius; and Virgil, the Georgics. Second Semester: two hours a week at the convenience of instructor and students. PROFESSOR SILLS

Prerequisites, Courses 1, 2, 3, 4.

[6a. Late Latin. The Vulgate; Latin hymns; selections from Dante, Petrarch, Erasmus and Politian. Second Semester: two hours a week.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR SILLS

Prerequisites, Courses 1, 2, 3, 4.

8. Latin Influence in English Literature. Lectures, reports and outside readings in Latin and English. Second Semester: Monday, Wednesday, Friday, 11.30. PROFESSOR SILLS

This course studies the character and quality of English literature as affected by the influence of the classics, and the Latin heritage of the principal English poets.

Elective for Sophomores, Juniors and Seniors. No previous course in Latin is required.

[10. Virgil. Lectures, reports and translations of assigned passages. Second Semester: Monday, Wednesday, Friday, 11.30.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR SILLS

The Aeneid will be read entire, and the lectures will discuss Virgil as an epic poet and Virgil's literary influence in modern literature.

Elective for Sophomores, Juniors and Seniors. No previous course in Latin is required.

MATHEMATICS

PROFESSOR MOODY AND ASSISTANT PROFESSOR ALVORD

1. Algebra and Solid Geometry. First Semester: Monday,

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Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30.

Graphic algebra, including a review of portions of the preparatory work; complex numbers; selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, elements of the theory of logarithms, choice, determinants and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems.

2. Solid Geometry and Trigonometry. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30.

PROFESSOR MOODY AND ASSISTANT PROFESSOR ALVORD

Solid Geometry completed: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles, with problems and applications.

Courses 1, 2 are required of candidates for the degree of B.S., for Freshmen who elect Physics 1, 2, and are elective for all other students,—except as provided under 1a, 1b, 2b, 2c.

1a. First term's work of Course 9.

1b. Conic Sections. Elementary geometric theorems and constructions. Three hours a week at the convenience of the instructor from January to the end of the First Semester.

2b. Conic Sections and Mensuration. Three hours a week at the convenience of the instructor during the first four weeks of the Second Semester.

The work of 1b continued and logarithmic computation for plane and solid figures.

2c. Algebra and Trigonometry. Three hours a week at the

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convenience of the instructor from April to the end of the Second Semester.

PROFESSOR MOODY

Algebraic and trigonometric series. Theorems and exercises from Higher Plane Trigonometry.

These courses are provided for students taking first-year mathematics who have received credit in Advanced Algebra, Solid Geometry, or Trigonometry, for admission.

3. Analytic Geometry. Fine and Thompson's Coördinate Geometry. First Semester: Monday, Wednesday, Friday, 11.30.

4. Calculus. Second Semester: Monday, Wednesday, Friday, 11.30.

PROFESSOR MOODY

Selected topics in differential calculus, with application to problems and curve tracing. Double and triple integration for surfaces and volumes.

Prerequisites, Courses 1, 2, or their equivalent.

5 and 6. Integral Calculus and Elliptic Functions. Text-book, with lectures and collateral reading. First and Second Semesters: three hours at the convenience of instructor and students.

[7 and 8. Modern Methods in Pure and Analytic Geometry. First and Second Semesters: three hours, at the convenience of instructor and students.]

Omitted in 1911-1912.

PROFESSOR MOODY

Courses 5, 6 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8.

Elective for those who have taken Courses 1, 2, 3, 4, or their equivalent.

9 and 10. Advanced Algebra. Determinants, theory of equations continued from Course 1, and selected topics. Three hours, at the convenience of instructor and students.

PROFESSOR MOODY

Intended for students who wish a further knowledge of algebra, but do not intend to take the more advanced courses in Mathematics.

Elective for those who have taken Courses 1, 2.

Bowdoin College

PHILOSOPHY AND PSYCHOLOGY

PRESIDENT HYDE AND PROFESSOR BURNETT

Philosophy

1. Introduction to Philosophy. First Semester: Monday, Wednesday, Friday, 8.30.

The problems of Philosophy will be taken up as they have been presented in the statements of modern philosophers from Descartes to Hegel.

2. Ethics. Second Semester: Monday, Wednesday, Friday, 8.30. PRESIDENT HYDE

Readings from Plato's Republic, Aristotle's Ethics, King's Ethics of Jesus, Mill's Utilitarianism, Perry's Moral Economy and Dewey and Tufts's Ethics.

Courses 1, 2 are elective for Juniors and Seniors.

- [3. Philosophy of Idealism. Text-book, lectures and quizzes. First Semester: Tuesday, Thursday, Saturday, 11.30.]

- [4. Continuation of Course 3. Second Semester: at the same hours.]

Omitted in 1911-1912; to be given in 1912-1913.

PROFESSOR BURNETT

These courses aim at the intensive study of a particular philosophical system and the application of its methods in the attempted solution of the problems arising in a philosophical survey of the universe. The work of some important idealistic philosopher is used as a text and discussed in detail.

Prerequisites, Courses 1, 2, or their equivalent.

Psychology

PROFESSOR BURNETT

1. General Psychology. Text-book, lectures, quizzes and supplementary reading. First Semester: Tuesday, Thursday, Saturday, 8.30.

Courses of Instruction

2. Continuation of Course 1. Second Semester: at the same hours.

The aim of these courses is to acquaint the student with the facts and the laws of the mind. Emphasis is laid upon those topics which are most intimately connected with the practical life, and a knowledge of which is highly important for a man of liberal education. The subject-matter is treated from the point of view of natural science. Where possible, class-demonstrations are employed. A part of the time is devoted to experimental work.

Elective for Sophomores, Juniors and Seniors.

3. Social Psychology. First Semester: Tuesday, Thursday, Saturday, 9.30.

Given in 1911-1912; omitted in 1912-1913.

This course deals with the special mental phenomena occurring in men because they are members of a social group.

Prerequisites, Courses 1, 2.

4. Abnormal Psychology. Second Semester: Tuesday, Thursday, Saturday, 9.30.

Given in 1911-1912; omitted in 1912-1913.

This course considers the abnormal facts of mental life, such as insanity, hypnotism, and multiple personality.

Prerequisites, Courses 1, 2.

5. Practice Course in Experimental Psychology. First Semester: two laboratory periods of three hours each, at the convenience of instructor and students.

The object of this course is training in methods of investigation, in the discovery and reliance upon evidence, with special reference to the particular application to the science of psychology. To this end the experiments of pioneer investigators are repeated, and some of the problems of the special senses, of apperception, association, feeling, volition, attention, are worked over in their wake.

Prerequisites, Courses 1, 2.

6. Special Laboratory Investigations. Second Semester.

A few students are admitted from Course 5 to assist the

Bowdoin College

instructor in the conduct of original investigations. The hours are determined by consultation. Under certain circumstances this work may be continued for another year.

PHYSICS

PROFESSOR HUTCHINS

1. Elementary Physics: Mechanics and Heat. Lectures, recitations and laboratory work. Text-book: Crew's General Physics. First Semester: Monday, Wednesday, 8.30; Friday, 8.30-10.30.

2. Continuation of Course 1. Electricity and Light. Second Semester: at the same hours.

Elective for those who have passed or are taking Mathematics 1, 2.

3. General Physics: Mechanics. Text-books: Millikan and other texts. First Semester: Monday, Wednesday, Friday, 1.30-3.30.

4. Heat. Text-books: Millikan and others. Second Semester: at the same hours.

[5. Magnetism and Electricity. Text-books: Franklin and McNutt's Electricity. First Semester: Monday, Wednesday, Friday, 1.30-3.30.]

[6. Sound and Light. Text-books: Edser's Light. Second Semester: Monday, Wednesday, Friday, 1.30-3.30.]

Omitted in 1911-1912.

Courses 3, 4, 5, 6 comprise two years' work in the subject of General Physics. They are designed to meet the requirements of students who are preparing to teach in secondary schools, or who are intending to pursue further work in graduate or technical schools. The work in these courses is largely experimental. Precision instruments are used and tested, and results are required from the use of apparatus constructed wholly or in part by the student. Courses 3, 4 are given in alternation with 5, 6.

Prerequisites, Courses 1, 2 or their equivalent.

Courses of Instruction

SPANISH

PROFESSOR BROWN

[1. Grammar, composition and reading. First Semester: three hours a week.]

[2. Continuation of Course 1. Reading of modern prose. Second Semester: three hours a week.]

Omitted in 1911-1912.

SURVEYING AND DRAWING

ASSISTANT PROFESSOR ALVORD

Drawing

1. Mechanical Drawing. First Semester: Tuesday, Thursday, 1.30-4.00.

Lettering, dimensioning, working drawings.

Prerequisites, Mathematics 1, 2.

2. Descriptive Geometry. Second Semester: at the same hours.

Prerequisite, Drawing 1.

Surveying

1. Surveying. First Semester: Tuesday, Thursday, 9.30-12.30.

2. Continuation of Course 1. Second Semester: at the same hours.

Field work with chain, tape, stadia, compass, level and transit. Computations, scale drawings, contour maps and profiles.

Elective for those who have passed or are taking Drawing 1.

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SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	Ger. 5, Div. A Math. I, Div. A Math. I, Div. C Phil. I Physics I	Eng. Lit. I Fr. 3, Div. A Geology I Ger. 5, Div. B Latin A Polit. Sci. I Math. I, Div. B	Chemistry I Fr. 3, Div. B History 7 Italian I Zoölogy 5	French 7 French 13 History 5 Math 3 Phys. Tr. I Zoölogy 5
Tues.	English 3, Div. Greek I Latin 3 Math. I, Div. A Math. I, Div. C Psych. I	Economics I Greek 7 Latin A Math. I, Div. B Psych. 3 Surveying I Zoölogy 9	Economics 5 Eng. I, Div. A German 3 Greek 3 Latin I, Div. B Surveying I	Economics 3 Eng. I, Div. B Eng. 3, Div. German 7 Latin I, Div. A Surveying I
Wed.	Ger. 5, Div. A Greek I Math. I, Div. A Math. I, Div. C Phil. I Physics I	Eng. Lit. I Fr. 3, Div. A Geology I Ger. 5, Div. B Latin A Polit. Sci. I Math. I, Div. B	Chemistry I Fr. 3, Div. B History 7 Italian I Zoölogy 5	French 7 French 13 History 5 Math. 3 Phys. Tr. I Zoölogy 5
Thurs.	Eng. 3, Div. Hygiene Latin 3 Psych. I	Economics I Eng. I, Div. B Greek 7 Latin I, Div. A Psych. 3 Surveying I Zoölogy 9	Economics 5 Eng. I, Div. A German 3 Greek 3 Latin I, Div. B Surveying I	Economics 3 Eng. 3, Div. German 7 Phys. Tr. I Surveying I
Fri.	Ger. 5, Div. A Greek I Math. I, Div. A Math. I, Div. C Phil. I Physics I	Eng. Lit. I Fr. 3, Div. A Geology I Ger. 5, Div. B Latin A Math. I, Div. B Physics I Polit. Sci. I	Chemistry I Eng. I, Div. A Fr. 3, Div. B History 7 Italian I Latin I, Div. B Zoölogy 5	Eng. I, Div. B French 7 French 13 History 5 Latin I, Div. A Math. 3 Zoölogy 5
Sat.	Eng. 3, Div. Greek I Latin 3 Psych. I	Economics I Greek 7 Latin I, Div. A Latin I, Div. B Psych. 3 Zoölogy 9	Economics 5 Eng. I, Div. A German 3 Greek 3	Economics 3 Eng. I, Div. B Eng. 3, Div. German 7

Schedule of Courses

FIRST SEMESTER, 1911-1912

	1.30	2.30	3.30	4.30
Mon.	Ger. I, Div. A History I Physics 3 Zoölogy I	Chemistry 3 French I Ger. I, Div. B Greek A Physics 3 Zoölogy I	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing I Eng. Lit. 3 Ger. I, Div. A	Drawing I Ger. I, Div. B German I3 Greek A	Drawing I German I3	Phys. Tr. 3
Wed.	History I Physics 3 Zoölogy I	Chemistry 3 French I Physics 3 Zoölogy I	Phys. Tr. 2	Phys. Tr. 4
Thurs.	Drawing I Eng. Lit. 3 Ger. I, Div. A	Chemistry 5 Drawing I Ger. I, Div. B Greek A	Drawing I English 6 Phys. Tr. 2	Phys. Tr. 3
Fri.	Eng. Lit. 3 Ger. I, Div. A History I Physics 3 Zoölogy I	Chemistry 3 French I Ger. I, Div. B Greek A Physics 3 Zoölogy I	Phys. Tr. 3	Phys. Tr. 4

Tuesday evening 7.00-9.30, English 6.

Courses not scheduled are at the convenience of instructor and students.

Bowdoin College

SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	Botany I Ger. 6, Div. A Math.2, Div.A Math.2, Div.C Phil. 2 Physics 2	Botany I Eng. Lit. 2 Fr. 4, Div. A Ger. 6, Div. B Latin B Math.2, Div.B Polit. Sci. 2	Chemistry 2 Fr. 4, Div. B History 8 Italian 2 Zoölogy 6	French 8 French 14 History 6 Latin 8 Math. 4 Phys. Tr. I Zoölogy 6
Tues.	Mineralogy I Greek 2 Math.2, Div.A Math.2, Div.C Psych. 2	Economics 2 Greek 8 Latin B Math.2, Div.B Psych. 4 Surveying 2	Economics 6 Eng. 2, Div. A German 4 Greek 4 Latin 2, Div.B Surveying 2	Economics 4a Eng. 2, Div. B English 4 German 8 Latin 2, Div.A Surveying 2
Wed.	Botany I Ger. 6, Div. A Greek 2 Math.2, Div.A Math.2, Div.C Phil. 2 Physics 2	Botany I Eng. Lit. 2 Fr. 4, Div. A Ger. 6, Div. B Latin B. Math.2, Div.B Polit. Sci. 2	Chemistry 2 Fr. 4, Div. B History 8 Italian 2 Zoölogy 6	French 8 French 14 History 6 Latin 8 Math. 4 Phys. Tr. I Zoölogy 6
Thurs.	Mineralogy I Psych. 2	Economics 2 Eng. 2, Div. B Greek 8 Latin2, Div.A Psych. 4 Surveying 2	Economics 6 Eng. 2, Div. A German 4 Greek 4 Latin 2, Div.B Surveying 2	Economics 4a English 4 German 8 Phys. Tr. I Surveying 2
Fri.	Botany I. Eng. 5, Div. C Ger. 6, Div. A Greek 2 Math.2, Div.A Math.2, Div.C Phil. 2 Physics 2	Botany I Eng. 5, Div. E Eng. Lit. 2 Fr. 4, Div. A Ger. 6, Div. B Latin B Math. I, Div.B. Physics 2 Polit. Sci. 2	Chemistry 2 Eng. 5, Div.D Fr. 4, Div. B History 8 Italian 2 Latin2, Div.B Zoölogy 6	Eng. 5, Div. F French 8 French 14 History 6 Latin2, Div.A Latin 8 Math. 4 Zoölogy 6
Sat.	Mineralogy I Greek 2 Psych. 2	Economics 2 Greek 8 Latin 2, Div.A Latin 2, Div.B Psych. 4	Economics 6 Eng. 2, Div. A German 4 Greek 4	Economics 4a Eng. 2, Div. B English 4 German 8

Schedule of Courses

SECOND SEMESTER, 1911-1912

	1.30	2.30	3.30	4.30
Mon.	Ger. 2, Div. A History 2 Physics 4 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. B Greek B Physics 4 Zoölogy 2	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing 2 Eng. Lit. 4 Ger. 2, Div. A Latin 4	Drawing 2 Ger. 2, Div. B German 14 Greek B	Drawing 2 German 14	Phys. Tr. 3
Wed.	History 2 Physics 4 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Physics 4 Zoölogy 2	Phys. Tr. 2	Phys. Tr. 4
Thurs.	Drawing 2 Eng. Lit. 4 Ger. 2, Div. A Latin 4	Drawing 2 Ger. 2, Div. B Greek B	Drawing 2 English 7 Phys. Tr. 2	Phys. Tr. 3
Fri.	Eng. Lit. 4 Ger. 2, Div. A History 2 Physics 4 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. B Greek B Physics 4 Zoölogy 2	Phys. Tr. 3	Phys. Tr. 4

Tuesday evening 7.00-9.30, English 7.

Courses not scheduled are at the convenience of instructor and students.

Bowdoin College

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology and Chemistry, in the first year of the Medical School, is accepted in place of the required courses of the Senior year in the College.

Students intending to avail themselves of this privilege are required to register in the College at the opening of the college year. They will then be excused from further attendance until the opening of the Medical School.

Lectures

ANNIE TALBOT COLE LECTURESHIP

This lectureship was founded by Mrs. Calista Mayhew, of South Orange, N. J., in memory of her niece, Mrs. Samuel Valentine Cole, of Norton, Mass. The incumbent, appointed for one year, gives a series of lectures before the College. These lectures are open to the public. According to the provision of the donor, this lectureship is to "aim at contributing to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive the highest ideals of character and conduct, and also, in so far as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music and the fine arts."

LECTURES ON ART

Prior to the Thanksgiving recess, the Curator of the Walker Art Building, Professor Johnson, gives annually a series of conferences on the Art Building and its contents as illustrating the history of art.

Administration of the College

TERMS AND VACATIONS

The Academic Year is divided into two Semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days at or near the first of April. The following are also observed as holidays: Columbus Day, Thanksgiving Day, Washington's Birthday, Patriots' Day, Memorial Day and Ivy Day.

REGISTRATION

All students are required to register on the first day of each Semester, except that Freshmen on entering college are required to register on Wednesday afternoon preceding the opening of the academic year. A fee of two dollars is charged for registration after the opening day.

COLLEGE BILLS

Bills, containing college charges, are mailed to the parent or guardian of each student at the close of each Semester; these bills become payable at once.

No student will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the College.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

During the time that term bills which are overdue remain unpaid a student receives no credit for college work.

Bowdoin College

ESTIMATED EXPENSES

The following table exhibits three scales of annual expenditure. Room rent, heat, and light are estimated on the supposition that two students occupy the same room, thus materially reducing the expense. No attempt is made to estimate such expenses as furniture, travelling expenses, class dues, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

	Lowest	Average	Liberal
Tuition	\$75.00	\$75.00	\$75.00
Incidental college charges . . .	12.00	12.00	12.00
Room rent(two persons sharing a room)	36.00	40.00	54.00
Lighting (\$6 per lamp per year) .	6.00	12.00	18.00
Board (thirty-six weeks, \$4 to \$5)	144.00	162.00	180.00
Books and stationery	10.00	20.00	40.00
Washing	10.00	18.00	27.00
	<hr/>	<hr/>	<hr/>
	\$293.00	\$339.00	\$406.00

Rooms, including their daily care, in the college dormitories may be rented at prices varying from \$36 to \$54 a year for each occupant where two share the room. The price is doubled for a single occupant. The item of steam heat is included. Electric lights are furnished at the rate of \$6 per 16 c.p. lamp per year. None of the college rooms are furnished. Application for rooms should be made to the Treasurer.

FEES FOR EXTRA COURSES

The payment of fees for extra courses is regulated by the following provisions:

(1) The sum of seven dollars and a half (\$7.50) is charged for each extra course (save as provided in 4, below), the same to be paid in advance and to be rebated at the close of the Semester in which the course is taken, provided the four regular

Administration of the College

courses and the extra course be passed, and the extra course be not taken to remove a condition previously incurred in that subject or substituted for a condition in some other subject. (2) Such charges are remitted in the case of the two required fifth courses, provided these be not taken prior to Senior year. (3) Courses repeated for the removal of a condition and courses substituted for such conditions are regarded as extra courses. (4) For each of the three subjects in Freshman Mathematics, and for Hygiene and English 5, the charge is pro rata whenever these subjects are in question under the preceding provisions.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily college prayers which are held on each week day at 8.20 A.M., and on Sundays at 5 P.M.

EXAMINATIONS

The regular examinations of the College are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the Dean has power to suspend the action of this rule.

RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

REPORTS OF STANDING

A report of the rank of each student is sent to his parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from chapel.

Bowdoin College

REQUIREMENTS FOR DEGREES

In order to be recommended for the degree of Bachelor of Arts or Bachelor of Science, a candidate must have passed thirty-four courses,—a course is a subject pursued for one Semester,—together with English 5, Hygiene and four courses in Physical Training. He must, moreover, have attained a grade of C or higher in half his courses.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the Master's degree consist of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

DEGREES WITH DISTINCTION

The Degree of Bachelor of Arts or Bachelor of Science with Distinction is awarded in three grades:

Cum Laude. A candidate is recommended for a degree *cum laude* who has obtained a grade of A or B in seven-eighths of his courses.

Magna cum Laude. A candidate is recommended for a degree *magna cum laude* who has obtained a grade of A in three-fourths, and B in another eighth of his courses.

Summa cum Laude. A candidate is recommended for a degree *summa cum laude* who has obtained a grade of A in seven-eighths of his courses. A candidate for a degree *summa cum laude* must have been in residence at Bowdoin College at least three years.

MEDICAL PREPARATORY COURSE

A one-year course, not leading to a degree, has been established for students intending to study medicine.

The entrance requirements are the same as for the academic courses.

Administration of the College

Students entering this course are required to make affirmation of their purpose to pursue their medical studies after completing the course, with a statement from parent or guardian to that effect, and with the understanding that change to regular standing in the College will be made only by special vote of the Faculty.

Students in this course are required to take: Chemistry 1, 2 or 3, 4; English 1, 2, 5; Hygiene; and Zoölogy 1, 2. They may choose one elective from French, German and Physics.

RELIGIOUS EXERCISES

Prayers are held each morning except Sunday in the college Chapel, and a vesper service is held on Sunday. All students are required to be present. From time to time during the year prominent clergymen of various denominations come to Brunswick as College Preachers. They occupy the pulpit of the First Parish Church in the morning and speak in the college Chapel in the afternoon.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is an un-denominational student organization, membership in which is open to every undergraduate. This year nearly sixty per cent of the students are enrolled as members.

The Y. M. C. A. stands definitely for a life governed by the principles of Christ as interpreted to meet the actual needs of college men. Membership includes the desire to be disciples of Jesus Christ in life and service.

The Association conducts many lines of work. The weekly meetings are addressed by prominent ministers and laymen from out of town, and members of the Faculty and Alumni. A series of addresses is given upon some practical subject, such as "Opportunities for Service in the Professions," or "Christianity and the Social Problems." Each College Preacher meets informally the students of the College at one of the fraternity houses, on the Sunday evening of his visit.

The students meet in informal groups for Bible and Mission

Bowdoin College

study. The leaders of these groups are trained in normal classes which are conducted by members of the Faculty.

The Association partially supports, as the Bowdoin Missionary in India, A. S. Hiwale, of the Class of 1909. The social service activities include a Boys' Club in a near-by town, a Gymnasium class for Brunswick boys, collection of clothing and magazines for charitable institutions, a Text-book Loan Library for needy students, and an Employment Bureau conducted by the General Secretary.

The Association has the services of a General Secretary whose office is in Hubbard Hall. All students are welcome to consult him about any matter in which he can be of service.

BOARD OF PROCTORS

The maintenance of order in the dormitories and the responsibility for their proper care are vested in a Board of Proctors. The members for the year 1911-1912 are:

The DEAN, *Chairman*

Charles Francis Adams, Jr.	Seward Joseph Marsh
John Lawrence Hurley	Edward Longworth Morss
William Alexander MacCormick	Frank Arthur Smith

STUDENT COUNCIL

The Student Council is composed of members of the Senior class elected annually by the undergraduates. In matters pertaining to student affairs it makes recommendations to the student body, and occasionally to the Faculty. The members for the year 1911-1912 are:

John Lawrence Hurley, *President*

Frank Arthur Smith, *Secretary*

Robert Danforth Cole	William Alexander MacCormick
George Fabyan Cressey	Joseph Henry Newell
George Cragin Kern	Arthur Deehan Welch
Edward Oliver Leigh	George Frank Wilson

Administration of the College

ATHLETIC COUNCIL

The regulation of the athletic interests of the College is accomplished by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the College, and five each from the alumni and student bodies. The members for the year 1911-1912 are as follows:

Alumni

Chas. Taylor Hawes, *Chairman*
Franklin Conant Payson
Barrett Potter
Henry Asa Wing
Roland William Mann

Students

Frank Arthur Smith (1912)
John Lawrence Hurley (1912)
George Lincoln Skolfield, Jr.
(1913)
Philip Shaw Wood (1913)
Robert Thomas Weatherill
(1914)

Faculty,

Professor Manton Copeland
Professor Frank Nathaniel Whittier

MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY, of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician, Dr. Whittier, whose office is in Adams Hall.

Bowdoin College

Scholarships

By the recent bequest of Joseph Edward Merrill, of the Class of 1854, \$4,000 annually has been added to the amount distributed to students in the form of scholarships. At present the total amount devoted to scholarships and prizes in aid of meritorious students of slender means is over \$12,000 annually.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 15th.

LAWRENCE FOUNDATION. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass. (1847)

BROWN MEMORIAL SCHOLARSHIPS. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856. According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

(1865)

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and his father, Hon. ALFRED JOHNSON. (1870)

WILLIAM B. SEWALL SCHOLARSHIP. A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq. (1870)

Scholarships

STEPHEN SEWALL SCHOLARSHIP. A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop. (1871)

SHEPLEY SCHOLARSHIP. A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL. D., of Portland, late Chief Justice of the Supreme Court of Maine. (1871)

JOHN C. DODGE SCHOLARSHIP. A fund of \$1,000, given by Hon. JOHN C. DODGE, LL. D. (1872)

MARY L. SAVAGE MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D. D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE. (1872)

AND EMERSON SCHOLARSHIPS. A fund amounting at present to \$7,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB. (1875)

BENJAMIN DELANO SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath. (1877)

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES. (1871)

CRAM MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country. (1872)

CHARLES DUMMER SCHOLARSHIPS. A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A. M., who was for many years a member of the Board of Overseers. (1874)

BUXTON SCHOLARSHIP. A fund at present amounting to \$3,800, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., to aid deserving students, preference being given to natives and residents of Buxton. (1875)

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving and needy. (1875)

Bowdoin College

W. W. THOMAS SCHOLARSHIPS. Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions. (1875)

PIERCE SCHOLARSHIP. A scholarship of \$1,000, bequeathed by MRS. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE. (1878)

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School. (1881)

BLAKE SCHOLARSHIP. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS, of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873. (1882)

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston. (1884)

JAMES MEANS SCHOLARSHIP. A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country. (1885)

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions. (1887)

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856. (1887)

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop. (1887)

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established by Mrs. SARAH F. LOCKWOOD in memory of Hon. AMOS

Scholarships

DEFOREST LOCKWOOD, a former treasurer of the College.

(1888)

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. FREDERIC H. GERRISH, LL.D., in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

(1890)

GARCELON AND MERRITT FUND. The sum of \$1,000 from the income of the GARCELON AND MERRITT FUND is appropriated for the aid of worthy students.

(1891)

CYRUS WOODMAN TRUST FUND. A fund, now amounting to \$35,000, established by CYRUS WOODMAN, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships.

(1891)

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000 given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

(1896)

JOSEPH LAMBERT FUND. A bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

(1896)

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

(1897)

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

(1897)

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000, given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

(1902)

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. DEALVA S. ALEXANDER, of Buffalo, N. Y., of the Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

(1902)

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. A sum of \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in

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memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903. (1902)

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick. (1902)

CYRUS WOODMAN SCHOLARSHIPS. A fund now amounting to \$3,400, given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father. (1902)

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LOUIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, FRED WHITNEY FLOOD. (1902)

WILLIAM LAW SYMONDS SCHOLARSHIP. A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature. (1902)

CLASS OF 1872 SCHOLARSHIP. A fund of \$2,500 given by the Class of 1872. (1902)

CHARLES M. CUMSTON SCHOLARSHIP. A fund of \$23,850, given by CHARLES McLAUGHLIN CUMSTON, LL.D., of the Class of 1843, the income to be given preferably to graduates of the English High School of Boston. (1903)

ALBION HOWE MEMORIAL LOAN FUND. A sum of \$1,200 given by LUCIAN HOWE, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother, ALBION HOWE, of the Class of 1861. (1903)

JOHN FRANKLIN MORRISON SCHOLARSHIP. A scholarship of \$1,000 founded by BENJAMIN F. MORRISON, of Medford, Mass. in memory of his grandson, JOHN FRANKLIN MORRISON, of the Class of 1908, preference to be given to residents of Medford. (1907)

CLASS OF 1881 SCHOLARSHIP. A fund of \$2,000 given by the Class of 1881. (1907)

RICHARD ALMY LEE SCHOLARSHIP. A scholarship providing for the tuition of one student. Established by ELIZABETH ALMY

Scholarships

LEE in memory of her son, a Senior of the Class of 1908, who, with his friend and companion, John Franklin Morrison, of the same class, lost his life July 9, 1907, while on a pleasure cruise along the coast. In making the award preference will be shown to the Beta Theta Pi Fraternity. (1908)

ANNIE E. PURINTON SCHOLARSHIP. A fund of \$5,000 given by Mrs. D. WEBSTER KING in memory of her sister, Miss ANNIE E. PURINTON, for the establishment of a scholarship "the income thereof to be used to assist some deserving student through his college course, preference being given to a Topsham or Brunswick boy." (1908)

GEORGE P. DAVENPORT LOAN AND TRUST FUND. A sum of \$200 given by GEORGE P. DAVENPORT, A.M., of Bath, Maine, for the establishment of a loan fund. (1908)

JOSEPH E. MERRILL SCHOLARSHIPS. Four thousand dollars per year, from the income of the JOSEPH E. MERRILL FUND to assist needy and deserving American-born young men, preference being given to those born in the State of Maine, in securing an education at Bowdoin College. (1908)

EDWARD HENRY NEWBEGIN SCHOLARSHIP. A fund of \$1,500 given by HENRY NEWBEGIN, A.M., of the Class of 1857, to establish a scholarship in memory of his son, REV. EDWARD HENRY NEWBEGIN, of the Class of 1891. To be awarded under certain conditions. (1909)

RICHARD WOODHULL SCHOLARSHIP. The sum of \$10,000 given by Mrs. MARY E. W. PERRY to found and maintain a scholarship to be named for her father, REV. RICHARD WOODHULL, of the Class of 1827, preference to be given to his descendants. (1911)

DANA ESTES SCHOLARSHIP. A bequest of \$2,500 from DANA ESTES, A.M., late of Brookline, Mass. (1911)

EDWARD F. MOODY SCHOLARSHIP. A bequest of \$2,000 from MISS INEZ A. BLANCHARD of Portland, the income to be given to one or more meritorious students for proficiency in chemistry. (1911)

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Graduate Scholarships

CHARLES CARROLL EVERETT SCHOLARSHIP. Certain real estate in Brunswick, in trust, the net income of which is given to that member of the graduating class of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country.

(1903)

HENRY W. LONGFELLOW GRADUATE SCHOLARSHIP. A fund of \$10,000 given by the daughters of HENRY W. LONGFELLOW—Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Anne L. Thorp—for a graduate scholarship “that would enable a student, after graduation, to pursue graduate work in some other college, or abroad, if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible—Belles Lettres in a wide sense. The student to be selected should be some one not merely proficient in some specialty, or with high marks, but with real ability in the subject, and capable of profiting by the advanced work, and of developing in the best way.”

(1907)

Prizes

DAVID SEWALL PREMIUM. A prize amounting to Ten Dollars is awarded annually to a member of the Freshman class for excellence in English Composition.

(1795)

CLASS OF 1868 PRIZE. A prize of Thirty-five Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior class. (1868)

SMYTH MATHEMATICAL PRIZE. A fund of \$6,500, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of Professor WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first

Prizes

two years. The rank is determined mainly by the daily recitations; but the Faculty may at its discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

(1876)

SEWALL GREEK PRIZE. A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Brookline, Mass., of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore class who sustains the best examination in Greek.

(1879)

SEWALL LATIN PRIZE. A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore class who sustains the best examination in Latin.

(1879)

GOODWIN COMMENCEMENT PRIZE. A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

(1882)

PRAY ENGLISH PRIZE. A prize of Forty-five Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

(1889)

GOODWIN FRENCH PRIZE. A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

(1890)

NOYES POLITICAL ECONOMY PRIZE. This prize, consisting of the annual income of \$1,000, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

(1897)

BROWN COMPOSITION PRIZES. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY

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BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior class for excellence in Extemporaneous English Composition. (1901)

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History. (1901)

BRADBURY DEBATING PRIZES. Prizes amounting to Sixty Dollars, given by HON. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year for excellence in debating. (1901)

HAWTHORNE PRIZE. A prize of Forty Dollars, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior and Senior classes. (1903)

ALEXANDER PRIZE FUND. This fund was established by Hon. DEALVA S. ALEXANDER, of the Class of 1870, to furnish two prizes of Twenty Dollars and Ten Dollars for excellence in select declamation. Competition is open to Freshmen, Sophomores and Juniors. (1905)

PHILO SHERMAN BENNETT PRIZE FUND. This fund was established by Hon. W. J. BRYAN from trust funds of the estate of the late PHILO SHERMAN BENNETT, of New Haven, Connecticut, the proceeds to be used for a prize for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors. (1905)

ALMON GOODWIN PRIZE FUND. This fund of \$1,000 was established by Mrs. MAUD WILDER GOODWIN, in memory of her husband, ALMON GOODWIN, of the Class of 1862. The annual income is awarded to a Phi Beta Kappa man to be chosen by vote of the Trustees of the College at the end of the recipient's Junior year. (1906)

HILAND LOCKWOOD FAIRBANKS PRIZE FUND. This fund of

The College Buildings

\$2,000 was established by Captain HENRY N. FAIRBANKS, of Bangor, in memory of his son, HILAND LOCKWOOD FAIRBANKS, of the Class of 1895. One half of the annual income is awarded for excellence of work in debating (English 6, 7) throughout the year; one fourth is awarded as two prizes of Fifteen Dollars and Ten Dollars for excellence of work in declamation (English 5) during the second Semester; and the remaining fourth is left at the disposal of the English Department for the promotion of interest in public speaking. (1909)

The College Buildings

There are thirteen college buildings. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

MASSACHUSETTS HALL

This hall, named for the mother State from which the College derives its charter, was the first building erected for the uses of the College. On the first floor are the offices of the Treasurer and the Dean of the College, and the room of the President and Faculty. In this room are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and now provide quarters for the department of surveying and drawing. The work in geology is here carried on. Here is also the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's Treatise on Mineralogy and Geology, the first systematic treatise on mineralogy published in this country.

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THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of Rev. Jesse Appleton, the second president of the College. Each of these dormitories contains thirty-two suites, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms and shower baths.

KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to a height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls. The nave is the chapel proper, in which are held the daily religious exercises of the College. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows, an unbroken wall, more than thirty feet in height, is divided by decorative frescoing into large panels in which are mural paintings—the gifts of individuals and of college classes,—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at

The College Buildings

the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, the Giving of the Law and the Return of David after His Victory over Goliath. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the College from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

The right aisle of the building is devoted to the uses of a psychological laboratory. The left aisle contains the rooms of the Young Men's Christian Association. At the rear is a lecture room known as Banister Hall. This room was named to commemorate the Hon. William B. Banister of Newburyport, Mass., whose friendship and influence had been kindly and effectually exercised in behalf of the College and the members of whose family had contributed to its funds.

MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the College who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the College. A window of stained glass, the gift of Miss Sarah Orne Jewett, commemorates her father, Professor Theodore Herman Jewett, M.D., of the Class of 1834. The names and military rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of General Thomas Hamlin Hubbard, of the Class of 1857.

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MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the College from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed. A part of the museum of natural history, which was established through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet in memory of Professor Parker Cleaveland, is now on exhibition in this building in connection with the departments of biology and mineralogy.

The Lee Museum of Biology, named in memory of Professor Leslie Alexander Lee, Ph. D., contains the biological collections of the College. Professor Copeland's private collection of several hundred bird and mammal skins also forms a part of this museum.

WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the College,—except the portraits and busts in Memorial Hall and the mural paintings in King Chapel,—was erected by the Misses Harriet and Sophia Walker of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved ter-

The College Buildings

race, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis, of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the College by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, a collection of objects of Oriental Art given by David S. Cowles, Esq., and formerly constituting a part of the Houghton Collection, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, Mr. Dana Estes, Mr. Edward P. Warren, and other friends of the College. The Sophia Wheeler Walker Gallery

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contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker,—all given by the Misses Walker. The galleries are finished in oak, and are lighted from above through large skylights.

In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors week-days from 10 A.M. to 12.30 P.M., and from 1.30 to 4.00 P.M., and Sundays from 1.30 to 4.30 P.M.

HUBBARD HALL

The library building affords convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, etc. It is a gift to the College from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron and steel. It is of the seventeenth century Gothic architecture, with the main entrance through a central projecting tower, the façade being still further broken by semicircular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

SETH ADAMS HALL

This hall is built of brick with stone trimmings, is about one hundred feet long by fifty wide and is three stories and a half in height. It is named in honor of the late Seth Adams, of Boston, who contributed generously to its erection. On the

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first floor is the office of the deputy dean of the Medical School and also two recitation rooms assigned to the use of the academical department. The second and third floors are devoted exclusively to the uses of the medical department, each floor having a large amphitheatral lecture room with an adjoining office for the instructor. On the second floor is the laboratory of bacteriology and pathology and the office of the college physician. The third and fourth floors are given to the Seavey Anatomical Museum, the dissecting-room, and the newly completed physiological laboratory.

THE OBSERVATORY

The astronomical observatory, for which the College is largely indebted to the late John J. Taylor, of Fairbury, Illinois, was mainly designed for the purposes of instruction. Although it is the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

HUBBARD GRAND-STAND

The grand-stand, given by Gen. Thomas H. Hubbard, of the Class of 1857, at a cost of about \$35,000, provides permanent quarters for out-of-door athletics.

The building stands on a terrace three feet above the field level. It is one hundred and twenty-three feet long and thirty-seven feet wide. The walls are on a cement foundation. Below the terrace level they are of granite, and above they are of rubble or field stone as far as the tops of the basement windows, where there is a water table of granite. Above the water table the walls are of selected red brick. The frame is of steel and iron, and the roof is covered with green slate.

The interior of the building is of fire-proof construction throughout. The west end of the basement is occupied by the quarters for the home teams, and consists of dressing-room, lav-

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atory, store-room and drying-room. The east end provides quarters for the visiting team, also instructor's office, janitor's room and boiler-room. The basement is heated by steam and lighted by electricity. The lavatories are supplied with hot and cold water.

The grand-stand occupies the whole of the second floor. It has a seating capacity of five hundred and eighty, with promenade eight feet wide, in which, if necessary, extra seats can be placed. Shutters protect the open part of the grand-stand during winter.

SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted in all respects for baseball, football, and track athletics.

The Library

The Library contains 101,000 volumes and several thousand unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading-room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. The library is a depository of the catalogue cards issued by the Library of Congress and this bibliographical collection of increas-

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ing value and serviceableness can be consulted by any investigator. Though no formal instruction in bibliography is given, the librarian and his assistants are ready to lend personal aid to inquirers. Moreover, through the coöperation of the Department of Rhetoric, the librarian is enabled to meet all the new students in groups of eight or less at required conferences of an hour each in which the use of the card catalogue, the principles that govern the location of books, and the scope of certain common works of reference are set forth by practical exercises. During term time, the library is open week-days from 8.30 A.M. to 5.30 P.M., and from 6.45 to 9.45 P.M., and Sundays from 2.00 to 4.50 P.M. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

Annual accessions, which average three thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of the following library funds:

SMYTH LIBRARY FUND. Provision for this fund was made in 1876 by Hon. Henry J. Furber of the Class of 1861, from the excess income of the Smyth Mathematical Prize. Its proceeds are devoted to mathematical books.

SIBLEY LIBRARY FUND. This fund, now amounting to \$7,000, was established in 1881 by Jonathan Langdon Sibley, A.M., Librarian of Harvard College, and is for the purchase of books relating to American history.

SHERMAN LIBRARY FUND. This fund of \$1,000 was established in 1882 by Mrs. John C. Dodge, of Cambridge, Mass., in memory of her brothers, Joseph Sherman, LL.D., of the Class of 1826, and Thomas Sherman, M.D., of the Medical Class of 1828. Its proceeds are given to current literature.

AYER LIBRARY FUND. This fund of \$1,000 was established by

The Library

the Athenæan Society in 1887 from a bequest of Hon. Samuel Hazen Ayer, of the Class of 1839.

BOND LIBRARY FUND. This fund, amounting to \$7,000, was given by Rev. Elias Bond, D.D., of the Class of 1837. From its income are purchased books relating to religion and ethics.

PACKARD LIBRARY FUND. This fund, based upon receipts from certain publications of the library, is devoted to the purchase of books relating to the State of Maine as a memorial of Professor Alpheus Spring Packard, D.D., of the Class of 1816.

WOOD LIBRARY FUND. This fund of \$1,000 was given in 1890 by Dr. Robert W. Wood, of Cambridge, Mass., of the Medical Class of 1832. From its proceeds are purchased books on sociology.

GEORGE S. BOWDOIN LIBRARY FUND. This fund of \$1,000, given in 1895 by the gentleman whose name it bears, is devoted to the maintenance of a collection of books relating to the Huguenots.

JOSEPH WALKER FUND. This fund, now amounting to \$5,000, was given in 1896 by the Trustees under the will of the late Joseph Walker of Portland. Its proceeds in accordance with a vote of the Boards are applied to the general uses of the library.

PHILIP HENRY BROWN LIBRARY FUND. This fund of \$2,000, the income of which is devoted to the purchase of books on rhetoric and literature, was given in 1901 by the executor of the estate of Captain John Clifford Brown in fulfillment of the latter's desire to establish a memorial of his father, Philip Henry Brown, Esq., of the Class of 1851.

DRUMMOND LIBRARY FUND. This fund of \$3,000 is a memorial of the Rev. James Drummond, of the Class of 1836, and was given in 1907 by his widow and his daughter, Mrs. Charles F. Dole, of Boston, Mass.

CLASS OF 1877 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made for the most part in 1908.

CLASS OF 1882 LIBRARY FUND. This fund of \$2,300 was given by the Class of 1882 as its contribution to the permanent funds of the College in 1908.

Bowdoin College

CLASS OF 1890 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made in 1908.

CLASS OF 1901 LIBRARY FUND. This fund of about \$1,000 is a class contribution, made in 1908.

FISKE LIBRARY FUND. This fund of \$1,000 was established by the will of Rev. John Orr Fiske, D.D., of the Class of 1837. Its income became available in 1910.

WILLIAM A. PACKARD LIBRARY FUND. This fund of \$5,000 was established in 1910 by the will of Professor William Alfred Packard, Ph.D., D.D., of the Class of 1851. Its income is used "preferably for the purchase of such books as illustrate the Greek and Latin languages and literatures."

MEDICAL SCHOOL OF MAINE

FACULTY

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LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical*
Jurisprudence.
CHARLES DENNISON SMITH, A.M., M.D., *Professor of*
Physiology.
WILLIS BRYANT MOULTON, A.M., M.D., *Professor of*
Ophthalmology and Otology.
JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of*
Diseases of Women.
FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor*
of Pathology and Bacteriology, and Deputy Dean in Bruns-
wick.
EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor*
of Obstetrics
CHARLES BRYANT WITHERLE, A.B., M.D., *Professor*
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WALTER EATON TOBIE, M.D., *Professor of Anatomy, and*
Secretary of the Faculty.
CHARLES HENRY HUNT, A.B., M.D., *Professor of Ma-*
teria Medica, Pharmacology and Therapeutics.
MARSHALL PERLEY CRAM, PH.D., *Professor of Chem-*
istry.

Medical School of Maine

ALFRED KING, A.M., M.D., *Lecturer on Surgery.*

HENRY HERBERT BROCK, A.B., M.D., *Professor of Clinical Surgery.*

ALFRED MITCHELL, JR., A.B., M.D., *Lecturer on Genito-Urinary Diseases.*

GUSTAV ADOLF PUDOR, A.B., M.D., *Lecturer on Dermatology.*

EDVILLE GERHARDT ABBOTT, A.M., M.D., *Lecturer on Orthopedic Surgery.*

GILMAN DAVIS, M.D., *Lecturer on Diseases of the Nose and Throat.*

FRED PATTERSON WEBSTER, A.B., M.D., *Lecturer on Diseases of Children.*

JAMES EDWARD KEATING, A.B., M.D., *Assistant Professor of Medicine.*

WALLACE WADSWORTH DYSON, M.D., *Assistant Professor of Anatomy.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Instructor in Obstetrics.*

HERBERT FRANCIS TWITCHELL, M.D., *Instructor in Clinical Surgery.*

ARTHUR SCOTT GILSON, M.D., *Instructor in Clinical Surgery.*

JAMES ALFRED SPALDING, A.M., M.D., *Clinical Instructor in Ophthalmology and Otology.*

WILLIS BEAN MOULTON, A.B., M.D., *Instructor in Diseases of Women.*

PHILIP PICKERING THOMPSON, A.B., M.D., *Instructor in Embryology.*

LOUIS ANDREW DERRY, A.B., M.D., *Instructor in Materia Medica, Pharmacology and Therapeutics.*

WILLIAM WHEELER BOLSTER, A.B., M.D., *Instructor in Physiology.*

Faculty

AMBROSE HERBERT WEEKS, M.D., *Instructor in Medicine.*

THOMAS JAYNE BURRAGE, A.M., M.D., *Instructor in Medicine.*

EDWIN WAGNER GEHRING, B.S., M.D., *Instructor in Medicine.*

EDWIN MOTLEY FULLER, JR., A.B., M.D., *Instructor in Pathology and Bacteriology.*

CARL HERVEY STEVENS, M.D., *Instructor in Pathology and Bacteriology.*

NATHANIEL EDWARD LOOMIS, PH.D., *Instructor in Chemistry.*

JOSEPH BLAKE DRUMMOND, A.B., M.D., *Demonstrator of Histology.*

ERASTUS EUGENE HOLT, JR., A.B., M.D., *Demonstrator of Histology.*

ELMER HENRY KING, A.B., *Demonstrator of Embryology.*

CHARLES LANGMAID CRAGIN, M.D., *Assistant Demonstrator of Anatomy.*

WILLIAM MORAN, M.D., *Clinical Assistant in Diseases of the Eye.*

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Surgery.*

ERNEST WOODBURY FILES, A.B., M.D., *Clinical Assistant in Medicine.*

FRANCIS JOSEPH WELCH, A.B., M.D., *Clinical Assistant in Medicine.*

HAROLD ASHTON PINGREE, M.D., *Clinical Assistant in Orthopedics.*

FRANCIS WILSON LAMB, M.D., *Clinical Assistant in Orthopedics.*

ORAMEL ELISHA HANEY, M.D., *Clinical Assistant in Surgery.*

LUCINDA BLAKE HATCH, M.D., *Clinical Assistant in Obstetrics.*

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HAROLD JOSSELYN EVERETT, A.B., M.D., *Clinical Assistant in Obstetrics.*

ROLAND BANKS MOORE, M.D., *Clinical Assistant in Obstetrics.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

FRANKLIN CONANT PAYSON, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

ERNEST BOYEN YOUNG, A.B., M.D., *from the Board of Overseers.*

GENERAL STATEMENT

The Medical School of Maine, established by the first Legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of thirty-six weeks each. The studies are distributed through the curriculum according to the following schedule:

FIRST YEAR: Anatomy, Embryology, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Medicine, Surgery, Materia Medica, Pharmacology and Therapeutics, Public Hygiene, Diseases of Women, Obstetrics, Diseases of the Skin, Eye, Ear, Nose, Throat and Genito-Urinary System.

FOURTH YEAR: Medicine, Surgery, Orthopedic Surgery, Materia Medica, Pharmacology and Therapeutics, Medical Jurisprudence, Medical Ethics, Diseases of Women, Diseases of Children, Neurology and Mental Diseases, with clinical instruc-

General Statement

tion in Diseases of the Skin, the Genito-Urinary System, the Eye, the Ear, the Nose and the Throat.

The total number of hours in the schedule exceeds the four thousand hours recommended by the Association of American Medical Colleges. These hours are apportioned to lectures, laboratory and clinical work in such a way as to conform to the recommendations of the above-named Association.

The students of the First and Second years are instructed at Brunswick, where the School has been situated since its foundation in 1820, and where the scientific departments of Bowdoin College afford facilities for teaching the primary branches. The Third and Fourth year classes are taught in Portland on account of the clinical advantages afforded in that city. A building designed for the use of the School is located on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the School are medical or surgical officers, and the Directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the largest single source of supply of clinical material for the School, Portland has a number of institutions, such as the Maine Eye and Ear Infirmary, the Children's Hospital, the City Home, the Marine Hospital, the Portland Tuberculosis Class, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, and the Maine School for the Deaf, which will continue to contribute to bedside instruction of the students. During the coming year the Portland Charitable Dispensary, which is controlled by this school, will probably occupy a new and commodious building designed especially with a view to the clinical needs of medical education.

Medical School of Maine

Admission to the School

REQUIREMENTS FOR ADMISSION

Requirements for admission to the First year are those of the Association of American Medical Colleges, with the addition that one year of Chemistry is specifically required. They are as follows:

Section 1. (a) A bachelor's degree from an approved college or university, or (b) or (c).

(b) A diploma from an accredited high school, normal school, or academy requiring for admission evidence of the completion of an eight-year course in primary, and intermediate grades, and for graduation not less than four years of study embracing not less than two years (2 units) of foreign languages, of which one must be Latin, two years (2 units) of mathematics, two years (2 units) of English, one year (1 unit) of history, two years (2 units) of laboratory science, and six years (6 units) of further credit in language, literature, history or science.

(c) An examination in the following branches: A. Required (9 units); Mathematics (2 units); English (2 units); history (1 unit); language (2 units—1 must be Latin); science (taken from physics, chemistry, botany, zoölogy, 2 units). B. Optional (to 6 units); English (1 unit); history (3 units); language (3 units); manual training (1 unit); mechanical drawing ($\frac{1}{2}$ unit); natural science (botany, zoölogy, 1 unit); physical science (chemistry, physics, 1 unit); trigonometry ($\frac{1}{2}$ unit); astronomy ($\frac{1}{2}$); civics ($\frac{1}{2}$); geology ($\frac{1}{2}$); physical geography ($\frac{1}{2}$); physiology and hygiene ($\frac{1}{2}$); political economy ($\frac{1}{2}$).

(One unit in any subject in a high school or academic course demands not less than five periods per week of forty-five minutes each for thirty-six weeks).

(d) Certificates from reputable instructors recognized by the superintendents hereinafter to be mentioned, or by any state

Requirements for Admission

board of medical examiners duly authorized by law, may be accepted in lieu of any part of this examination.

Section 2. This examination will be conducted by the Superintendent of Schools of Brunswick and Topsham, John Albert Cone, A.B. It will be recognized that the appointment of the examiner is in accordance with the requirements of the Association of American Medical Colleges.

Section 3. A student may be allowed to enter on his medical work conditioned in not more than 3 units, and these conditions must be removed by satisfactory examination before he is allowed to enter on the Second year of his medical course.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the First year, must give satisfactory evidence that they have completed a course or courses of instruction, equivalent in kind and amount to that or those in this school preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates stating that examinations have been passed in other schools are not accepted in lieu of examinations.

Time spent in pharmacy, dental and veterinary institutions and in preparatory schools does not entitle a student to examinations for advanced standing.

Students in the Senior class of the Academic department are permitted to take the studies of the First year in the Medical department and thus are eligible for the First year final Medical examinations.

It is desired that a literal interpretation shall be placed upon the requirements stated for candidates for matriculation, as hitherto there have been not infrequent examples of those who inquire if conditions other than those named will not serve in lieu of the examination.

The Boards of Trustees and Overseers of Bowdoin College on recommendation of the Faculty have voted that in and after 1912 one year of study in a reputable college will be required for admission to the Medical department, in which time particular

Medical School of Maine

attention shall be bestowed upon physics, chemistry, biology, and either French or German. It is advised that students take two years of college work along the same lines.

EXAMINATIONS FOR ADMISSION

Examinations for admission to the First year will be held at 9 A.M. on Thursday, October 17, 1912.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the Second year will be held in Brunswick, on Friday, October 18, 1912, examination in anatomy at 8 A.M., in physiology at 2 P.M. Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the Third year will be held in Portland on Saturday, October 19, 1912, examination in anatomy at 9 A.M., in physiology at 2 P.M. Re-examinations, deferred examinations and examinations for those wishing to enter the Fourth year will be held in Portland on Friday and Saturday, October 18 and 19, 1912, at hours to be hereafter appointed.

ADMISSION BY DIPLOMA

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

METHODS OF INSTRUCTION

ANATOMY

PROFESSOR TOBIE, ASSISTANT PROFESSOR DYSON, DOCTORS
ELLIOTT, THOMPSON, DRUMMOND, HOLT, AND CRAGIN,
AND MR. KING

The course in this branch extends over two years and covers every portion of human anatomy with special reference to its application in the practice of medicine and surgery. The scope is so extensive as to require a number of instructors and a division of the work; but an attempt is made to harmonize the various divisions and enable students to spend their time to the best possible advantage. In the class room every part of human anatomy is taken up by systems as arranged in Gerrish's Text-Book. Some subjects are treated by lectures and many by demonstrations, but the greater part of the work consists of recitations and demonstration quizzes.

First year students study embryology, histology, osteology, arthrology, myology, and visceral anatomy, including the study of the cerebro-spinal axis and organs of the special senses. Second year work includes myology, the remainder of systematic anatomy and relational anatomy. The class-room work is made valuable by the exhibition and demonstration of dissected parts, models and casts, and from time to time students are required to present drawings of different organs. Considerable attention is also paid to surface anatomy, which is studied on the living model. The total number of hours devoted to class-room work in gross anatomy in two years' time is one hundred and seventy-four, including thirty hours of osteology.

During the first half of the First year the different tissues and organs are studied microscopically in the histological laboratory and reproduced by free hand drawing. One hundred and thirty-five hours are devoted to histology, thirty being didactic in

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character, the remainder laboratory work. Embryology is studied during the second half of the First year. Forty-five hours are devoted to laboratory work; thirty hours to lectures, recitations and quizzes.

First year students devote one hundred and thirty-five hours to practical anatomy and dissect at least one part of the cadaver. Second year students dissect in the second half term and spend two hundred and seventy hours in the anatomical laboratory. For this purpose a period of six weeks is reserved, during which they devote their entire time to practical anatomy and are required to dissect and demonstrate at least a complete lateral half of the human body. The supply of dissecting material is adequate and the methods and facilities for preparing and preserving it are modern and of the best.

The Anatomical Museum contains a large number of dry preparations, specimens, casts and models, including Auzoux's complete model of a man, the gift of Hon. John Fremont Hill, Ex-Governor of the State of Maine and an alumnus of 1877. The museum is rich in osteological material, and disarticulated skeletons are loaned to the students of the First year, remaining in their possession until the end of the term.

At the end of each year, students are required to pass a written and an oral examination. Practical examinations in the identification of gross and microscopic structures are held in the laboratories.

CHEMISTRY

PROFESSOR CRAM AND DOCTOR LOOMIS

The chemical courses extend over the first two years. They consist of lectures and laboratory work occupying from five to nine hours per week for each class. As a knowledge of general inorganic chemistry is required for admission, First year men begin with the application of general chemistry to the qualitative analysis of simple substances. The work is mainly in the laboratory, the book used being Tower's Qualitative Chemical

Methods of Instruction

Analysis. The aim of the course is not so much to train analysts as to impart familiarity with chemical substances and principles.

The work in qualitative analysis is followed by the principles and practice of quantitative analysis, especially volumetric. Particular attention is paid to the preparation of solutions of definite strength and to the computation of results. The analytical courses take the first half year.

The second half year with the First year men is given to general organic chemistry. Attention is given to the important classes into which organic compounds are divided and to properties and reactions common to the whole class, rather than to specific compounds and special reactions. The compounds chosen to illustrate each class are as far as possible those of importance to the physician. The course is given mainly by lectures with some laboratory work in the preparation of certain organic compounds. The book used is Moore's *Outlines of Organic Chemistry*.

The Second year men begin with physiological chemistry using Hawk's *Practical Physiological Chemistry*. The work is mainly in the laboratory, supplemented by assigned readings and quizzes. This is followed by urinary analysis, the analysis of foods, detection of poisons, and the analysis of drugs and medicines.

First year men who have had satisfactory courses in analytical chemistry and organic chemistry, take the regular work in physiological chemistry with the Second year men their First year. In their Second year such men will be given an opportunity to do advanced individual work in the newer methods of urinary analysis and in research.

The aim is to make the chemical courses as practical as possible. To this end the student is taught how to construct apparatus and prepare reagents as well as use them. Particular attention is given also to the literature so that a man may become familiar with the standard works of reference in each department. For this the equipment of the Searles Science Building is fully adequate.

Each student is required to pay in advance at the Dean's

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office a laboratory fee, covering the average cost of chemicals, gas, and water. This is \$3.00 for the First year men and \$2.00 for the Second. In addition each will pay for apparatus broken or not returned at the end of the term.

DERMATOLOGY

LECTURER PUDOR

Instruction in Dermatology is given to the Third-year class each week during the entire course didactically and clinically.

DISEASES OF CHILDREN

LECTURER WEBSTER

Instruction is given, as heretofore, by recitations, lectures, clinical demonstrations, and study of cases by individual students with reports and discussions by members of the class. During the past year, clinical opportunities have been furnished by the Children's Hospital, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, the Portland Charitable Dispensary, the Maine General Hospital, the Maine Eye and Ear Infirmary, the Maine School for the Deaf, the City Physician of Portland and by other practitioners, from their private practice.

DISEASES OF THE NOSE AND THROAT

LECTURER DAVIS

The Third-year class receives special instruction, both didactic and clinical in Diseases of the Nose and Throat, weekly, throughout the course, and clinical instruction continues throughout the Fourth year.

GENITO-URINARY SURGERY

LECTURER ALFRED MITCHELL, JR.

Instruction in Genito-Urinary Surgery is given to the Third-year class each week during the course both by lectures and clinically.

Methods of Instruction

GYNECOLOGY

PROFESSOR THOMPSON AND DOCTOR WILLIS BEAN MOULTON

The course in Diseases of Women continues through the Third and Fourth years. Third-year students have work mainly didactic in character.

Dr. Moulton, in the Fourth year, conducts a course in the Pathology of Diseases of Women.

There are also weekly clinics for Fourth year students, at which the examination of female patients is an important feature.

MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS

PROFESSOR HUNT AND DOCTOR DERRY

Instruction in this department is as follows:

In the first half of the Third year, there is a recitation course in Pharmacology. This gives the student a general idea of the action of the more important drugs. During the first half of this year a laboratory course of sixty hours is given. In this, is taken up Botany, Plant Chemistry, the manufacture of pharmaceutical preparations and the study of incompatibles.

The last three-fourths of the laboratory course are devoted to experimental pharmaco-dynamics. The students perform experiments, either individually or in groups, upon living animals. These experiments give the student a first-hand knowledge of the action of the important drugs.

In the second half of the Third year, the more systematic study of drugs is begun. The instruction is by lectures and quizzes and includes a description of the doses and preparations of drugs, their action in health and disease, their incompatibilities and the uses which are made of them in the treatment of disease. Early in this course is given instruction in Prescription Writing and there is constant drill on this difficult subject till the end of the Fourth year.

In the first half of the Fourth year this course is continued. The last half of the year is devoted to Therapeutics or the treat-

Medical School of Maine

ment of diseases. This is largely a text-book course with occasional lectures.

The total number of hours of instruction in this department is 240.

MEDICAL JURISPRUDENCE

PROFESSOR EMERY

The instruction in Medical Jurisprudence in a course of fifteen lectures followed by an examination is directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients and also to their character and position as medical expert witnesses in Courts of Justice. Practical suggestions are given for guidance in both respects.

MEDICINE

DOCTORS THAYER, KEATING, WEEKS, BURRAGE, GEHRING,
FILES AND WELCH

Instruction in internal medicine is given throughout the Third and Fourth years.

In the Third year special stress is put upon physical examinations. Each student is trained individually and repeatedly in methods of inspection, palpation, percussion and auscultation; he is taught a practical technic for examining blood, stomach contents, faeces, urine and sputum; he is shown how to make succinct case histories; and his knowledge of text-books on Medical Diagnosis and Practice of Medicine is tested and clarified by systematic quizzes.

In the Fourth year, each student is taught to sift his facts; to correlate the subjective symptoms related by the patient with his own objective findings after examination. Case-histories are reported to the class and discussed by students and by instructors, and are made a basis for training in the arts of diagnosis, prognosis and treatment.

Methods of Instruction

NEUROLOGY AND MENTAL DISEASES

PROFESSOR WITHERLE

Instruction in Neurology and Mental Diseases is given to the Fourth-year class each week throughout the course by lectures, clinics and quizzes, three hours of each week being devoted to such instruction.

OBSTETRICS

PROFESSOR McDONOUGH AND DOCTORS SMALL, HATCH,
MOORE AND EVERETT

Till this year, a serious proposition was the providing of systematic clinical instruction. While for the last two years clinics had been held at the Maine General Hospital, the Eye and Ear Infirmary and the City Hospital, and the City Physician had placed at the disposal of the students cases which came under his care, still there was no guarantee of any definite number. Even with this disadvantage students had opportunity of seeing at least five cases. This year the Board of Managers of the Temporary Home, the one lying-in hospital in the city, has granted the School the privilege of all cases occurring in this institution. Dr. Cousins has placed at our disposal one bed in the obstetrical ward of his hospital, for patients to be used for clinical instruction. At the new dispensary about to be built, an outpatient department will be established. From these sources it is expected to obtain a sufficient number of clinical cases to furnish the needed bedside teaching.

OPHTHALMOLOGY AND OTOTOLOGY

PROFESSOR WILLIS BRYANT MOULTON AND DOCTOR MORAN

The instruction in these departments is given by lectures and clinics. A weekly clinic is held at the Hospital. The various diseases are described as cases illustrating them are available for

Medical School of Maine

demonstration; operations are performed when required; and other treatment applied as may be necessary.

Daily clinics are also held at the Portland Charitable Dispensary and the Maine Eye and Ear Infirmary, to which the students are assigned in small sections.

ORTHOPEDIC SURGERY

LECTURER ABBOTT AND DOCTORS PINGREE AND LAMB

Clinics in Orthopedic Surgery are held at the Maine General Hospital and the Children's Hospital throughout the Fourth year.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

PROFESSOR WHITTIER AND DOCTORS WEEKS, FULLER AND STEVENS

1. Hygiene. Lectures and laboratory work. Second half-year: Thursday, 1.30 to 4.30; Saturday, 1.30 to 3.30, except six weeks following the Easter recess.

This course is given to First-year students and occupies five hours a week for nine weeks. Eighteen of the hours are didactic and twenty-seven are laboratory hours. Lectures are given on personal hygiene and include such subjects as exercise, ventilation, sources of food and water supply, first aid in emergency cases, effects of alcohol, and sex hygiene. The course is also designed to give an introduction to Bacteriology and includes introductory lectures on that subject. The laboratory work includes simpler bacteriological technic, microscopical examination of foods, practical experiments in disinfection and routine examinations of water and milk.

2. Bacteriology. Lectures and laboratory work. First half-year until Christmas recess: Monday, Tuesday, Wednesday and Friday, 1.30 to 5.30.

This course is given to Second-year students and occupies sixteen hours a week for nine weeks. Forty of the hours are didactic and one hundred and four are laboratory hours. Stu-

Methods of Instruction

dents are required to prepare most of the media and solutions used in this course. Each student is required to cultivate upon media twelve varieties of pathogenic bacteria and to study their characteristics. Animal inoculations and autopsies are performed by the students. Special attention is given to laboratory diagnosis of tuberculosis, diphtheria and typhoid fever.

3. General Pathology, including Pathological Histology, also Pathology of the Blood. From Christmas recess to the end of the year excepting the first six weeks following the Easter recess: Monday, Tuesday, Wednesday and Friday, 1.30 to 5.30.

This course is given to Second-year students and occupies sixteen hours a week for fifteen weeks. Sixty of the hours are didactic and devoted to quizzes and lectures and one hundred and eighty are laboratory hours. McFarland's text-book is used as a basis for this course. The text-book is supplemented by lectures on special subjects. As far as possible the consideration of a subject in the class-room is followed by a study of the same subject in the laboratory. Much time is given before the Easter recess to diagnosis work upon the microscopical preparations. The last two weeks of the course are devoted largely to the study of pathology of the blood and the technic of blood examinations. Students are trained in counting red and white corpuscles, in estimating amount of hemoglobin, in preparation and examination of stained specimens.

4. Clinical Pathology. A course for Third-year students. Practical work by assignment in the Portland hospitals and in the school laboratory. Also scheduled work in the school laboratory from the Easter recess to the end of the year: Tuesday, 2.00 to 5.00 and Wednesday, 2.00 to 4.00. This work occupies five hours a week for nine weeks. Fifteen of the hours are didactic and thirty are laboratory hours. The course in Clinical Pathology occupies at least eighty hours. Of these only forty-five are scheduled.

Arrangements have been made with the Maine General Hospital, Maine Eye and Ear Infirmary and Portland Charitable Dispensary for Third-year students to do pathological work in

Medical School of Maine

these institutions. Regular assignments are made and reports of work done required. By arrangement with the physicians in charge special attention is given to the clinical side of this work.

Instruction is given as opportunity occurs at surgical clinics and autopsies. In the work at the Medical School building each student examines microscopically tissues and other pathological material obtained at the Maine General Hospital, Maine Eye and Ear Infirmary, Children's Hospital and Portland Charitable Dispensary. Whenever possible students are required to obtain material from the patients.

Students receive special training in the technic of preparing bacterial vaccines, also in performing the Wassermann test for syphilis.

PHYSIOLOGY

PROFESSOR SMITH AND DOCTOR BOLSTER

Instruction in this department is conducted with reference to the practical application of the facts of human physiology to the needs of the student, in his study of the diagnosis and treatment of disease. Class-room demonstrations and experimental laboratory teaching are employed, so far as they can be made to serve this purpose.

The instruction is given by practical laboratory work, text-book recitation and supplementary lectures.

The laboratory is fully equipped with the Harvard apparatus.

The work of the First year is devoted to study by recitation, and by practical laboratory exercises, extending over half the term, of the functions of Nutrition. Special attention is given to the physiology of nerve and muscle, of the Blood, including its microscopical study, Digestion and the phenomena and physics of the Circulation and Respiration. Students are taught to demonstrate for themselves the essential facts connected with these functions.

Written reviews are held from time to time besides regular quizzes upon both the didactic and laboratory work.

The work of the Second year is devoted to the study of Re-

Methods of Instruction

production, the Nervous System, the Special Senses and the physiology of Voice and Speech.

The department is well equipped with charts, models and apparatus for demonstration and experimental work, admirably adapted to aid in giving students a thoroughly practical course in Physiology. There are not less than seventy-five hours devoted to experimental and demonstration work in laboratories.

A laboratory fee of \$2.00 is charged, to defray cost of material, which must be paid in advance at the Dean's office before beginning the laboratory course. Students furnish at their own cost necessary instruments for nerve-muscle dissection and are charged extra with the cost of any injury to apparatus.

PUBLIC HYGIENE

Instruction is given by a member of the State Board of Health, who lectures upon the principles of Public Sanitation, considering the source and character of public water supplies and the collection and disposal of waste, with special reference to preventable diseases.

Several hours are devoted to sanitary legislation and the relations and obligations of the practicing physician to the public and to boards of health in the management of infectious diseases.

SURGERY

DOCTORS KING, BROCK, TWITCHELL, GILSON, HASKELL,
HANEY AND DRUMMOND

The instruction in surgery is given by lectures, recitations, demonstrations, clinics, diagnosis exercises on the patient, and operations on the cadaver. It extends throughout the Third and Fourth years of the course, and in the highest possible degree is practical in character.

In the didactic course the recitation method is employed for the most part, as being particularly helpful to the students,—necessitating careful preparation of each lesson, allowing no essential point to be slighted, and stimulating pride by the cer-

Medical School of Maine

tainty of each that his work will be compared with that of his fellows. But the lecture method is used whenever it seems serviceable, as in the introduction of new topics, the presentation of the salient features of unfamiliar subjects, and the explanation or amplification of matters not adequately treated in the text-book.

The students perform a large variety of operations upon the cadaver, under the immediate direction and supervision of the instructor. The application of bandages and other dressings is taught in the most practical manner.

The principal clinical teaching is given at the Maine General Hospital by the six visiting surgeons, all of whom are instructors in the School. Twice in each week some of these teachers hold exercises in diagnosis, in which the students are instructed in proper methods, and privileged to make personal examination of cases. Sections of the class are taken in turn through the wards, and are given opportunities for the observation of the after-treatment and progress of patients upon whom they have seen operations performed. A system of notification by telephone enables the students to obtain prompt information of accident cases, which are brought into the Hospital. The amount of clinical material at this institution far exceeds the capacity of the classes to appropriate it without neglecting other and essential studies. The surgeons of the Portland Charitable Dispensary permit sections of the class to observe cases at their daily service—a privilege highly valued and constantly accepted, as the kind of diseases is largely different from those usually seen at the Hospital. The City Hospital also occasionally presents interesting and useful material.

Administration

TERMS AND VACATIONS

The 92nd annual course began on Thursday, October 19, 1911, and will continue thirty-six weeks. The systematic course of instruction began on Monday morning, October 23rd. Commencement Day is the fourth Wednesday of June. The Summer Vacation of sixteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Patriots' Day and Memorial Day.

REGISTRATION

On arriving in Brunswick students should apply at the office of the Deputy Dean, Dr. F. N. Whittier, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purpose.

EXPENSES

FOR INSTRUCTION: In each of the required four years \$100. This shall be paid promptly, one-half at the opening of the course and the balance at the beginning of the second half of the course.

FOR EXAMINATIONS: Payable at the close of the term of instruction,

In Anatomy	\$5.00
In Physiology	5.00
In Chemistry	5.00
In Bacteriology and Pathology	5.00
In Obstetrics	5.00

Medical School of Maine

These five fees are credited on the diploma or graduation fee.

For every re-examination in any of the departments in any year, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid in addition to the prescribed fee for that examination.

MISCELLANEOUS: The Matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, \$3.00 for the First course, \$2.00 for the Second course, payable in advance.

For materials used in the physiological laboratory, \$2.00 for the First course, \$1.00 for the Second course, payable in advance.

For anatomical material, its cost, payable in advance.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been paid in the examination fees of the previous years.

Furnished rooms can be obtained at a rental of from \$1.50 to \$2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from \$3.00 to \$4.00 a week.

The cost of living in Portland has been found to be not necessarily in excess of that at Brunswick.

The cost of books is about \$15.00 to \$25.00 a year.

EXAMINATIONS AND STANDING

Final examinations for each class are held in the period just preceding Commencement.

At the end of the First, Second and Third years students who have passed successful examinations will receive certificates from the Dean.

A student who fails to pass any branch at the required examination in June may present himself for re-examination at the

Administration

beginning of the next course. If he fails at this examination, he will not again be examined in that branch until the expiration of the year, unless admitted to conditions by vote of the Faculty on recommendation of the head of the department in which he has failed.

On recommendation of the head of a department, any student who has failed on examinations as above provided in the study of that department may by vote of the Faculty be allowed to enter upon the work of the next year, but he shall not be admitted to any examination of that year until he shall have passed a satisfactory examination in the study or studies which he has previously failed to pass.

No student will be admitted to the privilege of conditions if he has failed in more than two departments.

Every student who fails to maintain a satisfactory standard of work will be warned of his deficiency from time to time, before the end of the term.

An examination which is not completed receives no consideration.

REQUIREMENTS FOR A DEGREE

In order to be recommended for the degree of Doctor of Medicine a candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution, and the last course previous to examinations must have been in this School. He must present a satisfactory certificate of good moral character from a citizen of the town in which he resides. He must also pass a satisfactory examination in the required studies previously specified and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Medical School of Maine

The Library

The Library of the Medical School, containing over 5,000 volumes, has been combined with that of the College, which numbers over 96,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate place in the main reading room for their especial use. It is not the policy of the School to furnish text-books through its library, or to buy largely in medical literature; yet by means of the catalogue of the Library of the Surgeon General's Office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

ALUMNI ASSOCIATIONS AND SPECIAL
FITTING SCHOOLS

Alumni Associations

THE GENERAL ASSOCIATION

President, FRANKLIN CONANT PAYSON, LL.D.; *Vice-President*, CHARLES TAYLOR HAWES; *Secretary and Treasurer*, GEORGE THOMAS LITTLE, Litt.D., Brunswick, Me.

ASSOCIATION OF BOSTON

President, DANIEL O. S. LOWELL, Litt.D.; *Secretary*, ALFRED B. WHITE, 85 Devonshire Street, Boston, Mass.

THE BOWDOIN CLUB OF BOSTON

President, ELLIS SPEAR, JR.; *Secretary*, JOHN ARTHUR FURBISH, 235 Marlboro Street, Boston, Mass.

ASSOCIATION OF NEW YORK

President, FRANCIS ROBBINS UPTON, M.S.; *Secretary*, JOSEPH BANGS ROBERTS, 2 Rector Street, New York City.

ASSOCIATION OF WASHINGTON

President, *HON. WILLIAM PIERCE FRYE, LL.D.; *Recording Secretary*, REV. FRANK SEWALL, D.D.; *Corresponding Secretary*, CHARLES HARRIS HASTINGS, Library of Congress, Washington, D. C.

*Died August 8, 1911.

Bowdoin College

ASSOCIATION OF PORTLAND

President, FRANKLIN CONANT PAYSON, LL.D.; *Secretary*, HON. PERCIVAL PROCTOR BAXTER, 655 Congress Street, Portland, Me.

ASSOCIATION OF OXFORD COUNTY

President, HON. ADDISON EMERY HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Norway, Me.

KENNEBEC ALUMNI ASSOCIATION

President, OSCAR C. S. DAVIES; *Secretary*, BLAINE S. VILES, Augusta, Maine.

BANGOR ALUMNI ASSOCIATION

President, *FRANKLIN AUGUSTUS WILSON, A.M.; *Secretary*, BERTRAM LEWIS BRYANT, A.M., M.D., Bangor, Me.

ASSOCIATION OF PROVIDENCE, R. I.

President, GEORGE EATON SIMPSON, M.D.; *Secretary*, CARL ROSWELL DOTEN, M.D., 583 Cranston Street.

ASSOCIATION OF AROOSTOOK COUNTY

President, HON. NICHOLAS FESSENDEN; *Secretary*, ROLAND EUGENE CLARK, Houlton, Me.

ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

Communications should be addressed to the College Librarian.

*Died July 2, 1911.

Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the college Boards. They are annually examined by representatives of the College. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools, unless the school is approved by the New England College Entrance Certificate Board.

FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

RIDGLEY COLFAX CLARK, A.B., *Principal*.

This school offers five courses of study, of four years each:

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. A Business Course.
- IV. A Manual Training Course.
- V. An Agricultural Course.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The cost of tuition is \$10.00 per term for all branches, drawing, painting, manual training and laboratory fees included.

Bowdoin College

BOARD. The cost of board in the dormitories is \$4.50 a week, including heating and lights.

CALENDAR

Fall term of 14 weeks began September 19, 1911.

Winter Term of 13 weeks begins January 2, 1912.

Spring Term of 11 weeks begins April 9, 1912.

Examiner appointed by the College for 1911-1912: Professor Files.

WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

RALPH STANLEY SMITH, A.B., *Principal.*

This academy offers three courses of study:

I. A College Preparatory Course of four years.

II. A Scientific Course of four years.

III. An English-Commercial Course of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The tuition fee is \$8.00 a term, and covers all expenses for laboratory and commercial equipment. Vocal music and elocution are offered free to all students.

BOARD. The cost of board and room is from \$3.50 to \$4.00 per week. Rooms can be obtained at very low rates by students who wish to board themselves.

CALENDAR

Fall Term of 14 weeks began September 11, 1911.

Winter Term of 12 weeks begins January 2, 1912.

Spring Term of 12 weeks begins April 1, 1912.

Examiner appointed by the College for 1911-1912: Professor Sills.

Special Fitting Schools

LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

HENRY KIRKE WHITE, A.M., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An English and Business Course, of four years.
- III. Teacher's Training Course, of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The cost of tuition is \$10.00 per term.

BOARD. Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

CALENDAR

Fall Term of 14 weeks began September 11, 1911.

Winter Term of 13 weeks begins January 2, 1912.

Spring Term of 11 weeks begins April 9, 1912.

Examiner appointed by the College for 1911-1912: Professor Ham.

THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

ERNEST ROLISTON WOODBURY, A.M., *Principal*.

This academy offers four courses of study, of four years each:

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. An English Course.
- IV. A Business Course.

Bowdoin College

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

BOARD. Board can be obtained in the city at from \$4.00 to \$6.00 a week.

BOOKS. Students not residents of Saco must purchase their own books.

CALENDAR

Fall Term of 14 weeks began September 11, 1911.

Winter Term of 12 weeks begins January 2, 1912.

Spring Term of 11 weeks begins April 1, 1912.

Examiner appointed by the College for 1911-1912: Professor Mitchell.

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